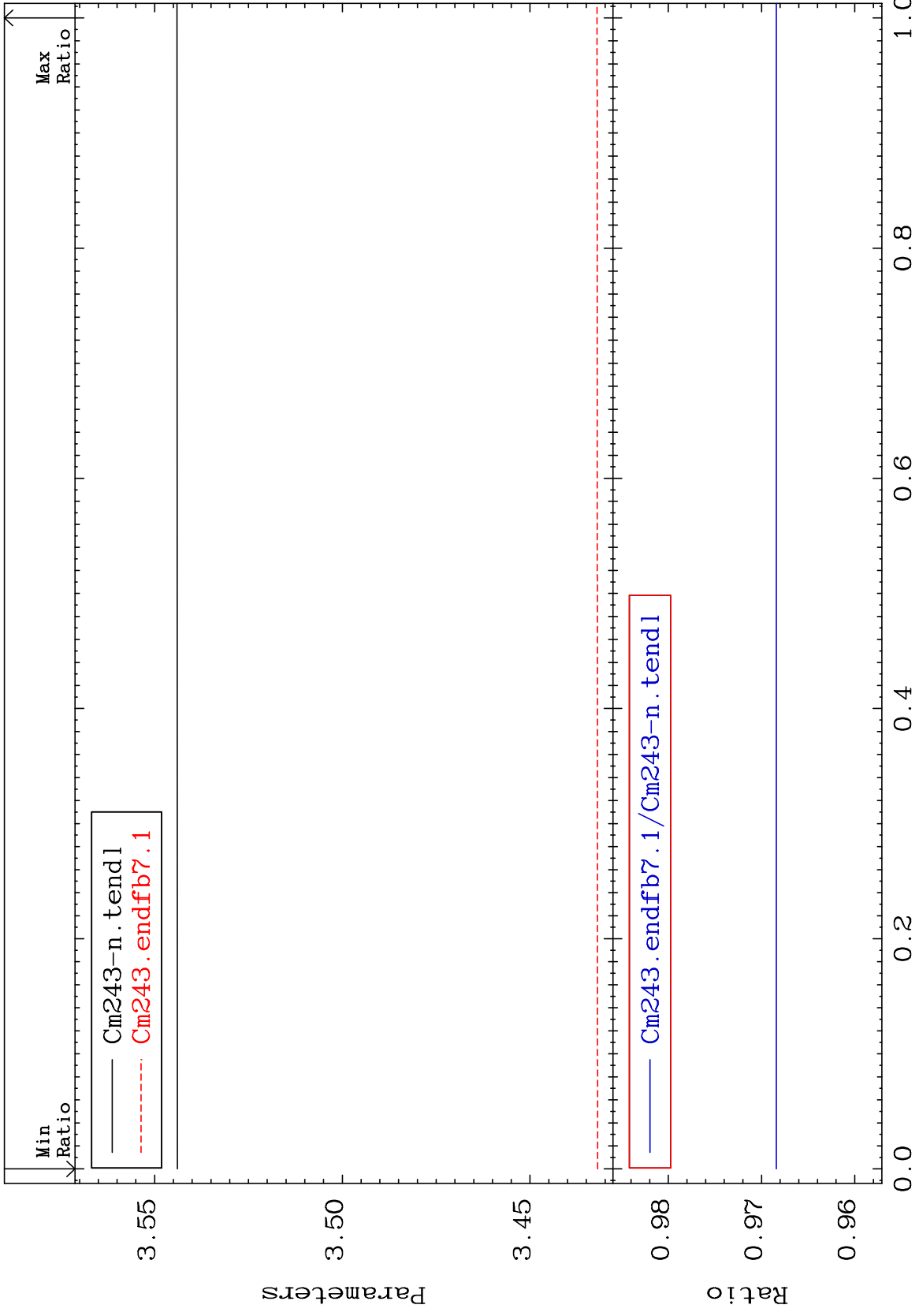


MAT 9634

Total  $\bar{\nu}$   
Parameters

96-Cm-243  
-3.158 To -3.158%



1

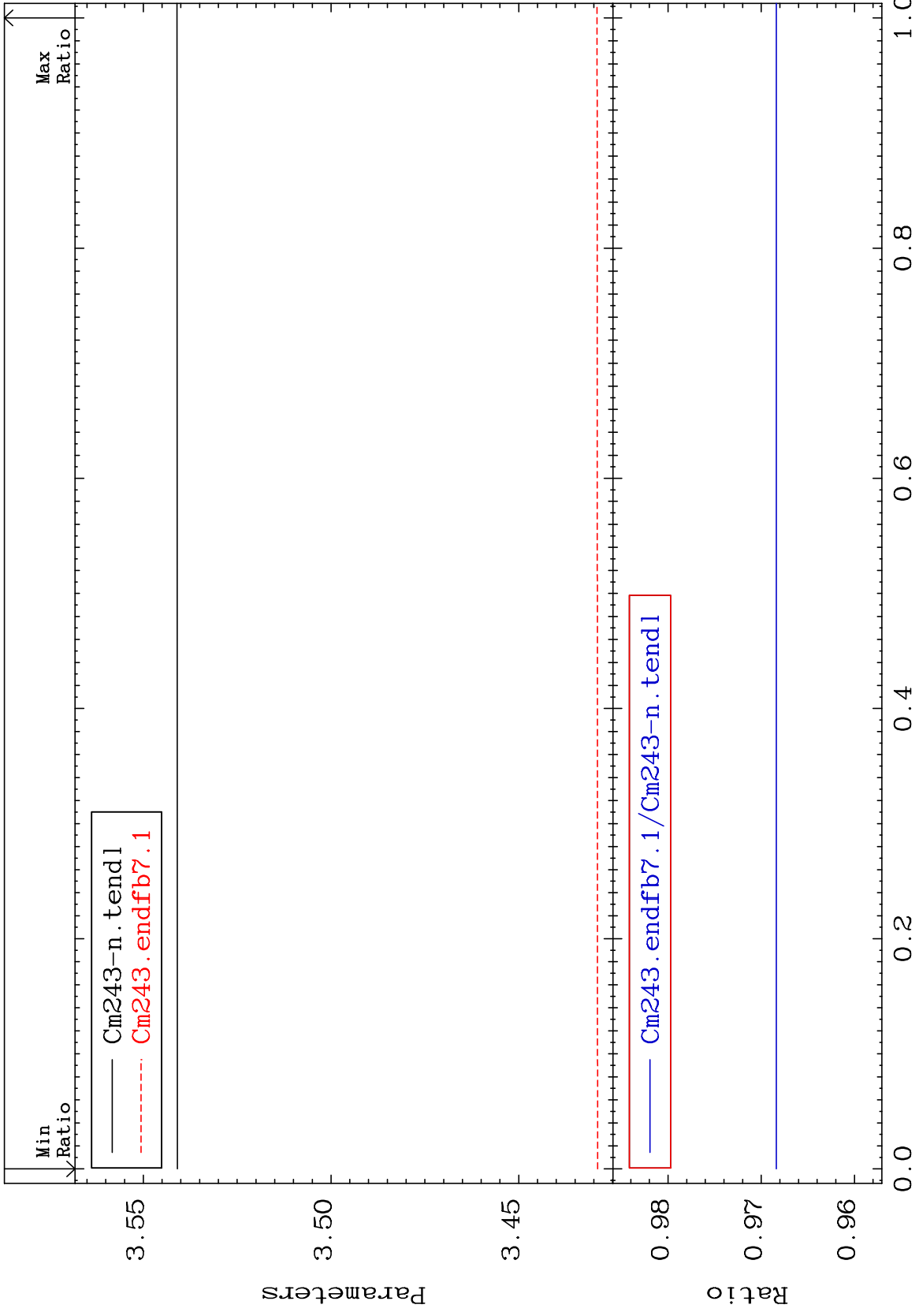
Incident Energy (KeV)

96-Cm-243

MAT 9634

Prompt  $\bar{\nu}$   
Parameters

96-Cm-243  
-3.161 To -3.161%



2

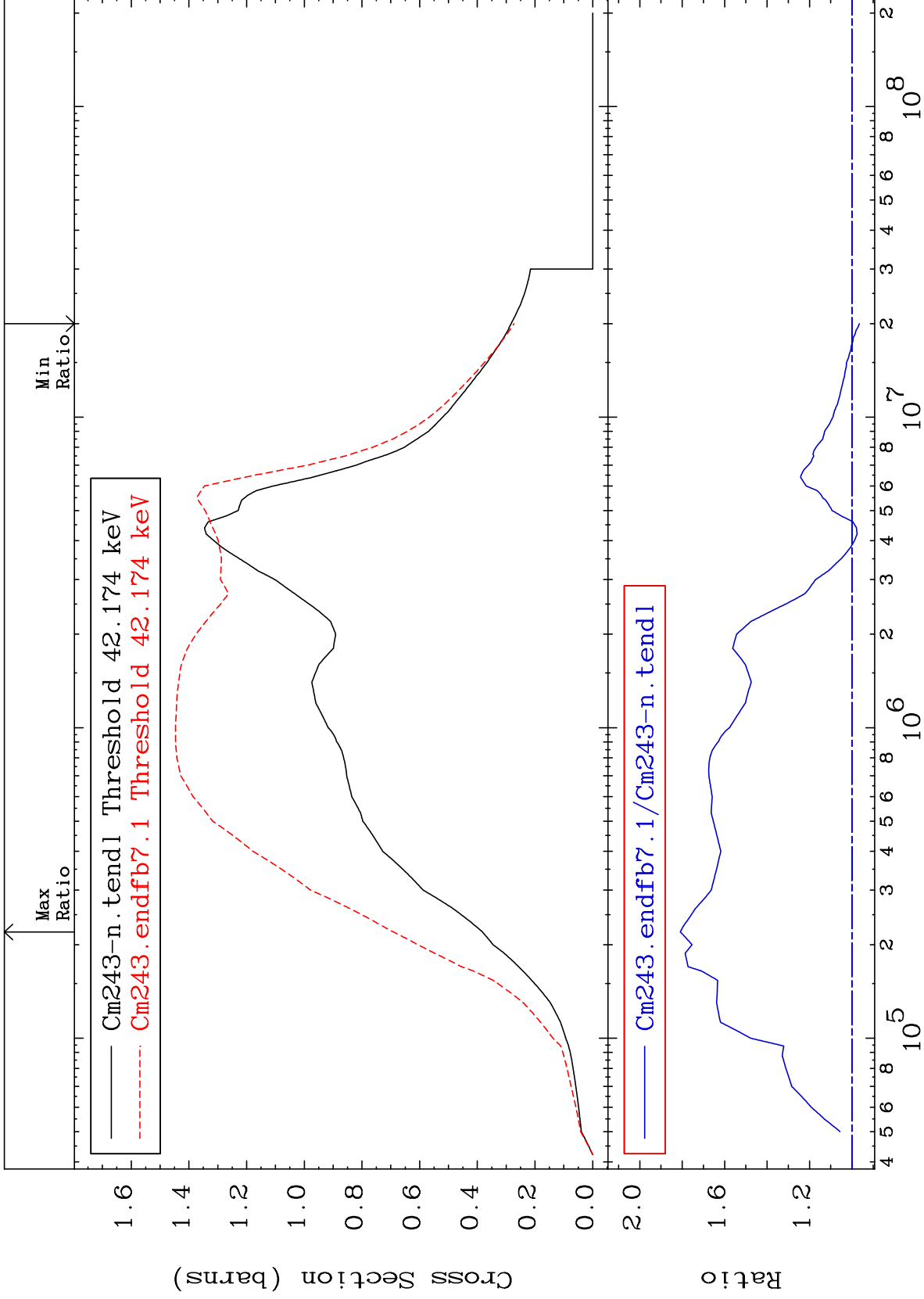
Incident Energy (KeV)

96-Cm-243

MAT 9634

Inelastic  
Cross Section

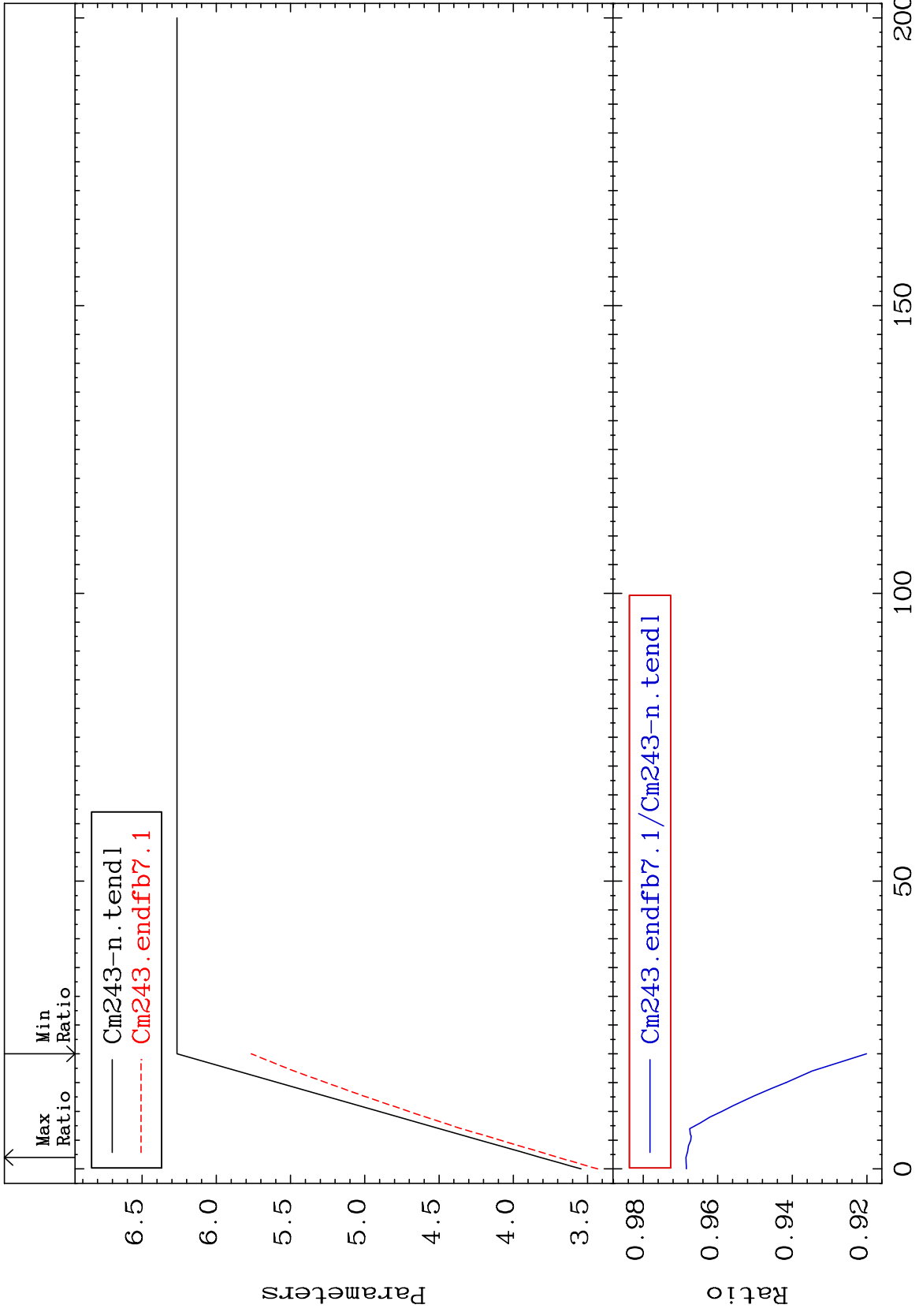
96-Cm-243  
-3.530 To 80.87 %



MAT 9634

Total  $\bar{\nu}$   
Parameters

96-Cm-243  
-7.990 To -3.147%



1

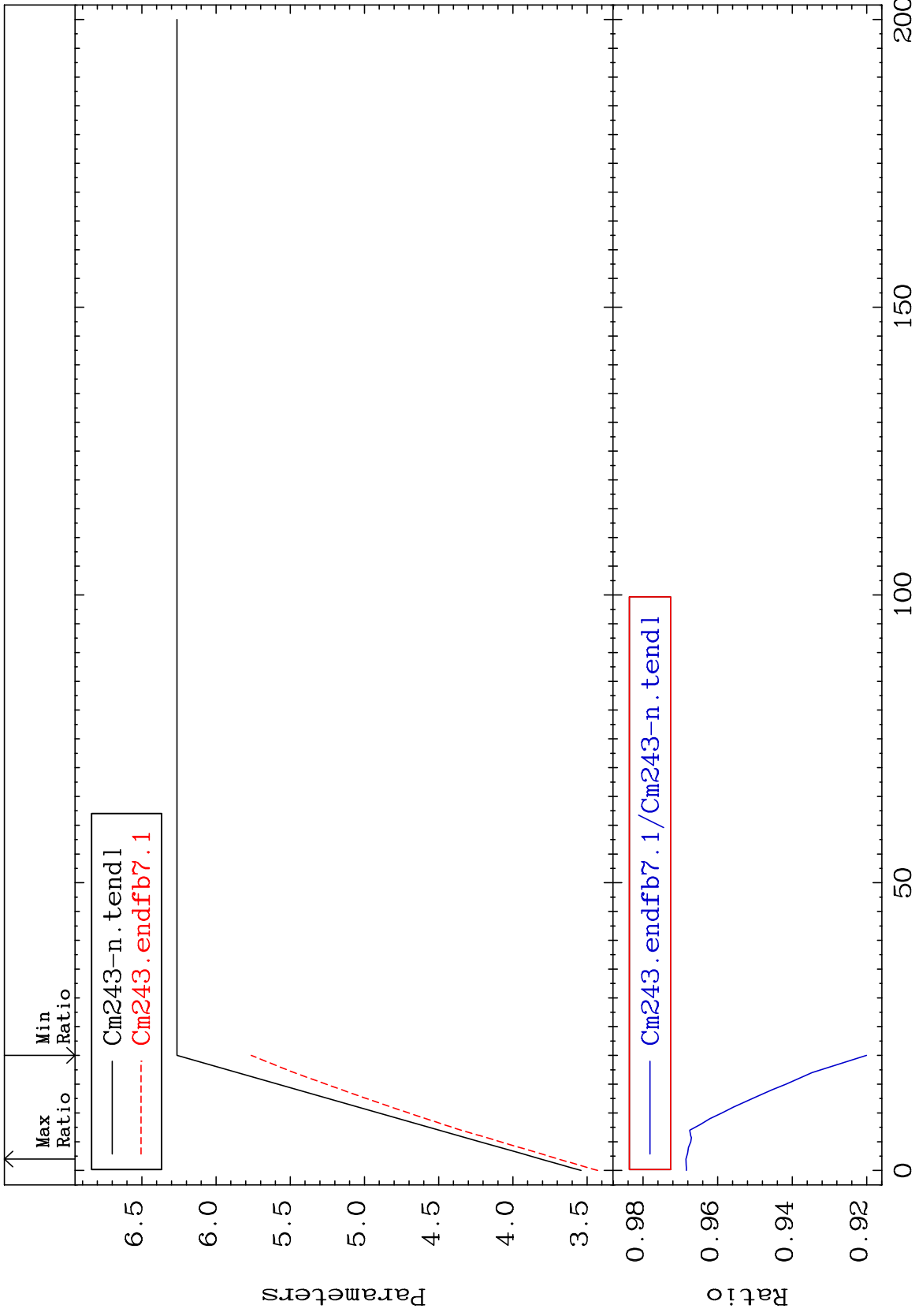
Incident Energy (MeV)

96-Cm-243

MAT 9634

Prompt  $\bar{\nu}$   
Parameters

96-Cm-243  
-7.992 To -3.149%



2

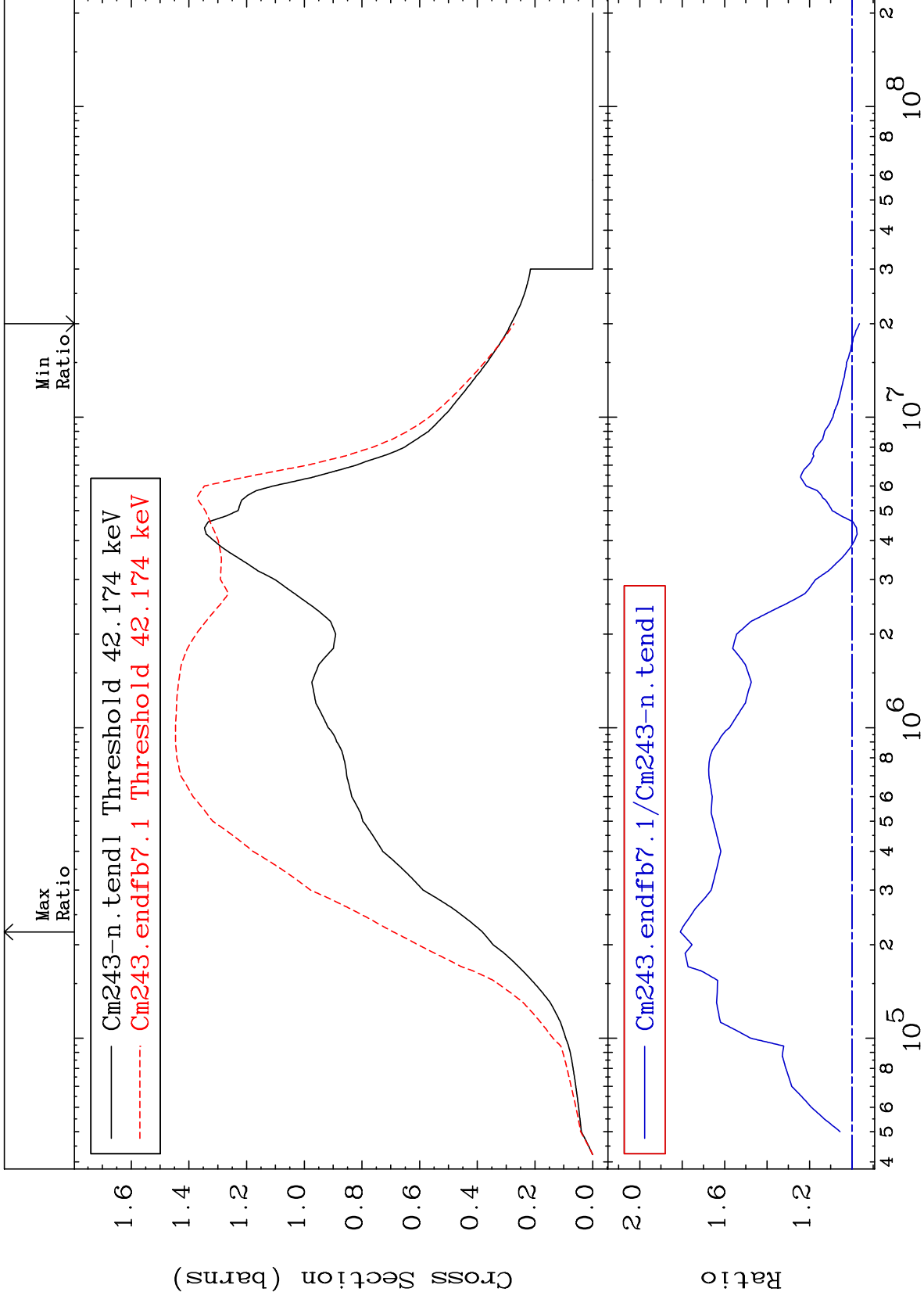
Incident Energy (MeV)

96-Cm-243

MAT 9634

Inelastic  
Cross Section

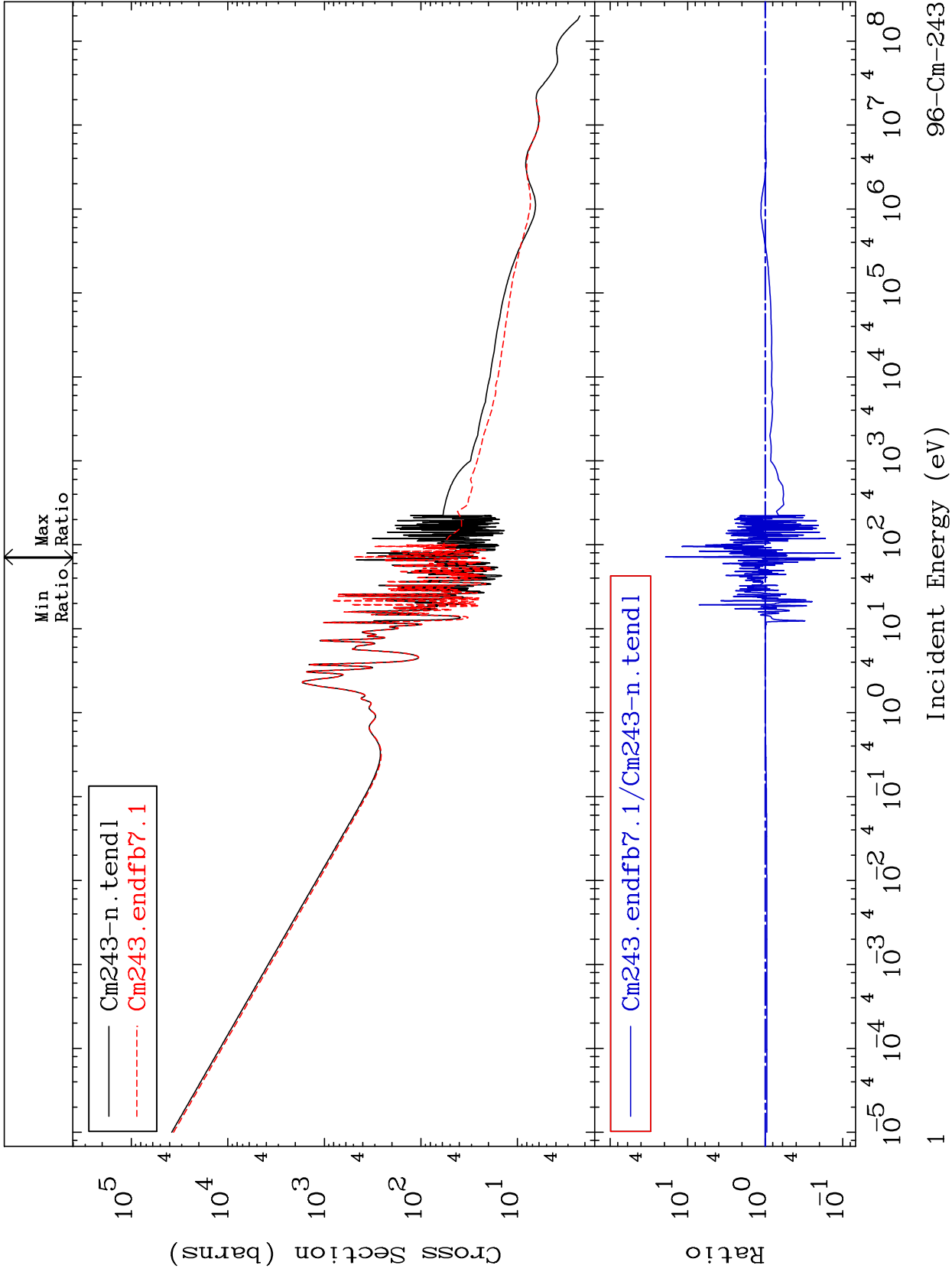
96-Cm-243  
-3.530 To 80.87 %



MAT 9634

Total  
Cross Section

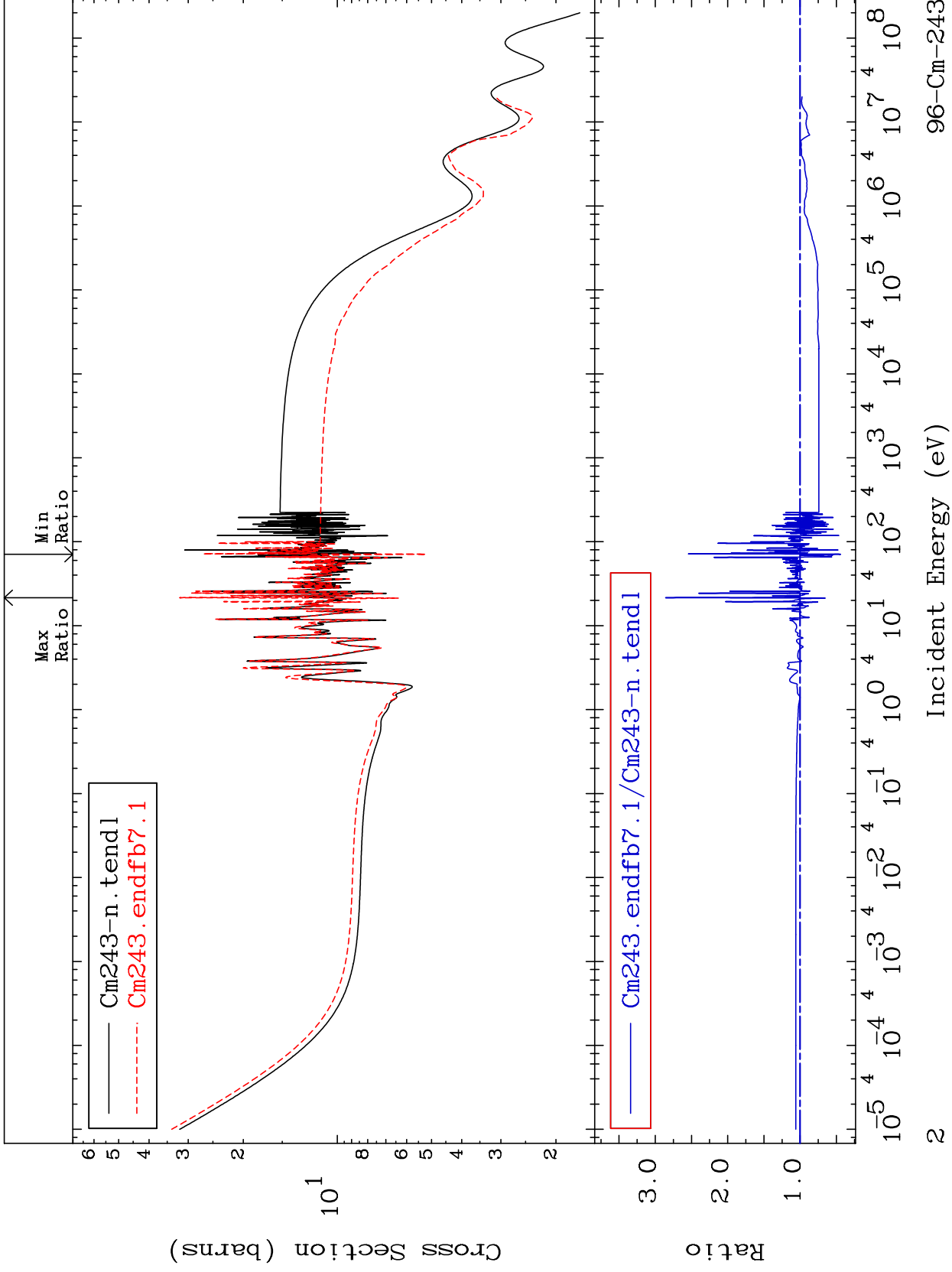
96-Cm-243  
-89.35 To 1836. %



MAT 9634

Elastic  
Cross Section

96-Cm-243  
-55.93 To 185.9 %

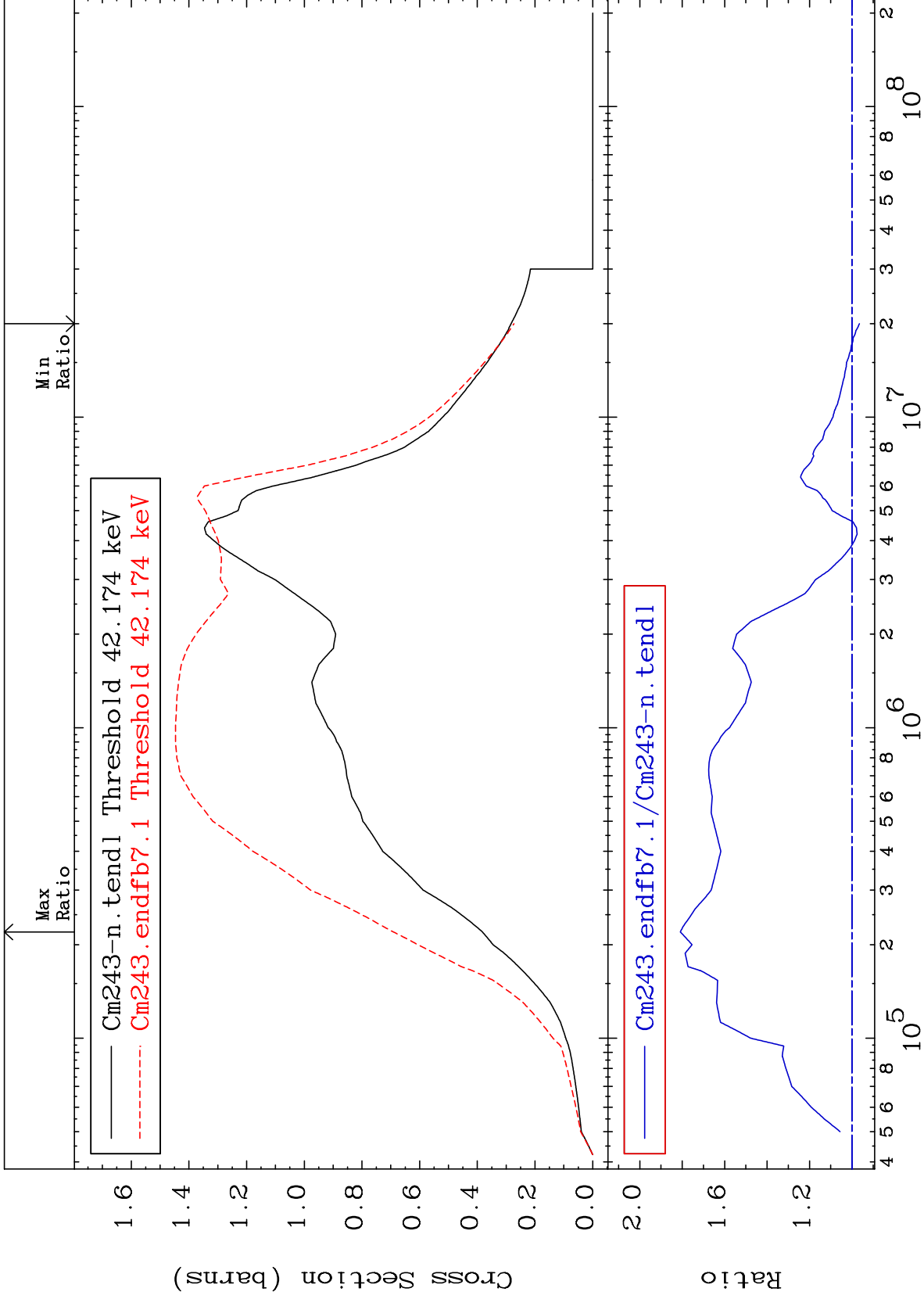




MAT 9634

Inelastic  
Cross Section

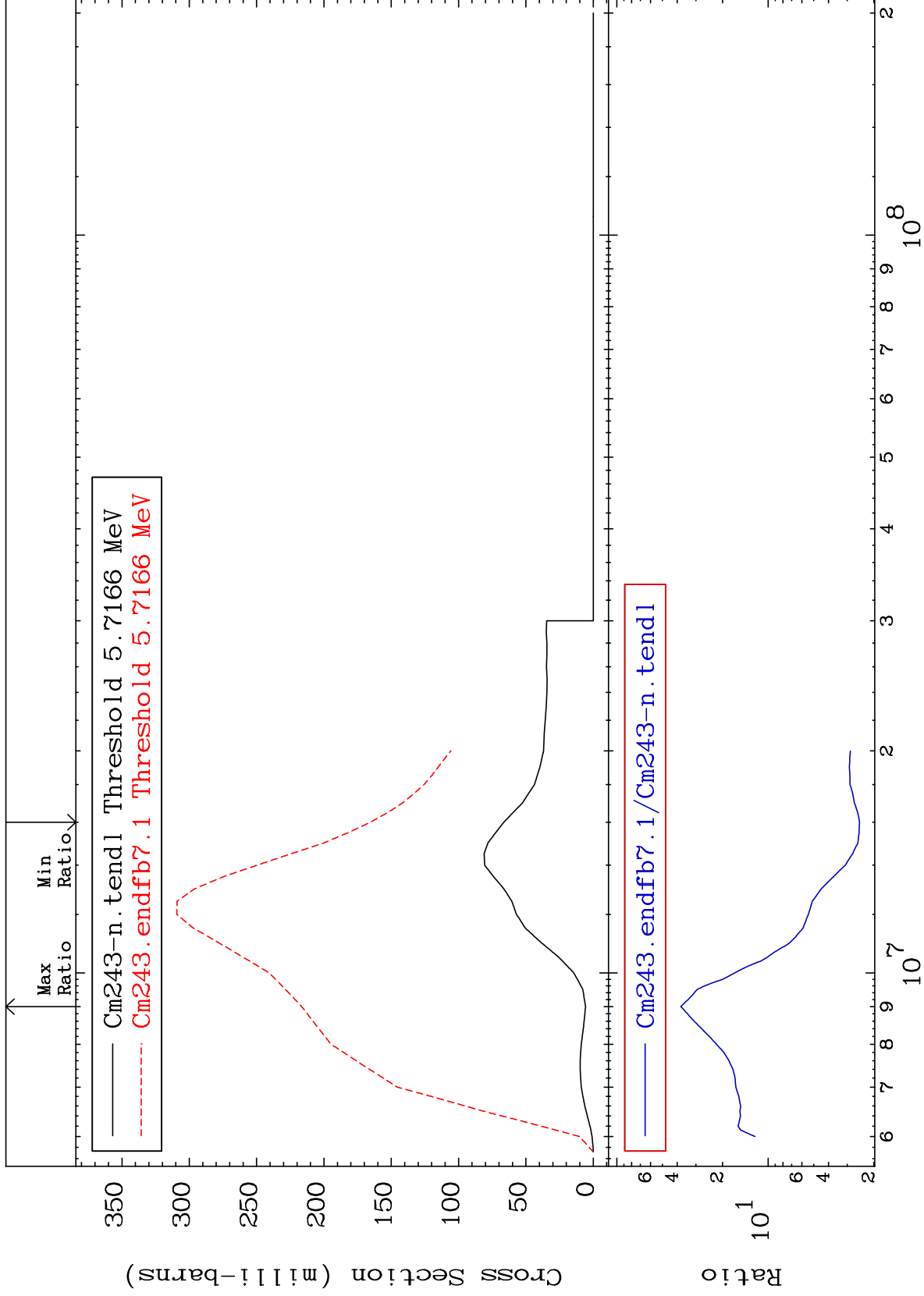
96-Cm-243  
-3.530 To 80.87 %



MAT 9634

(n,2n)  
Cross Section

96-Cm-243  
149.2 To 3683. %



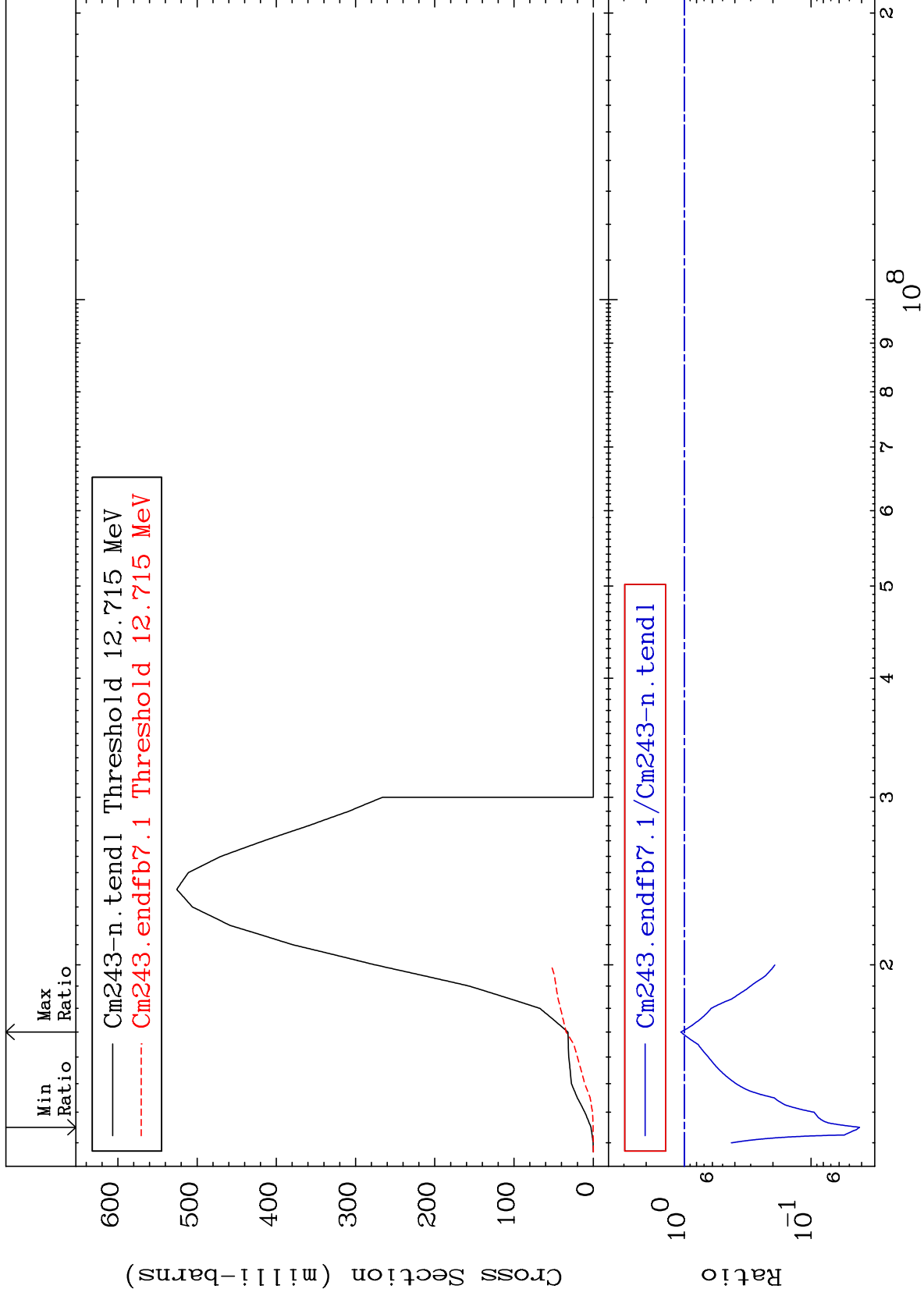
4

96-Cm-243

MAT 9634

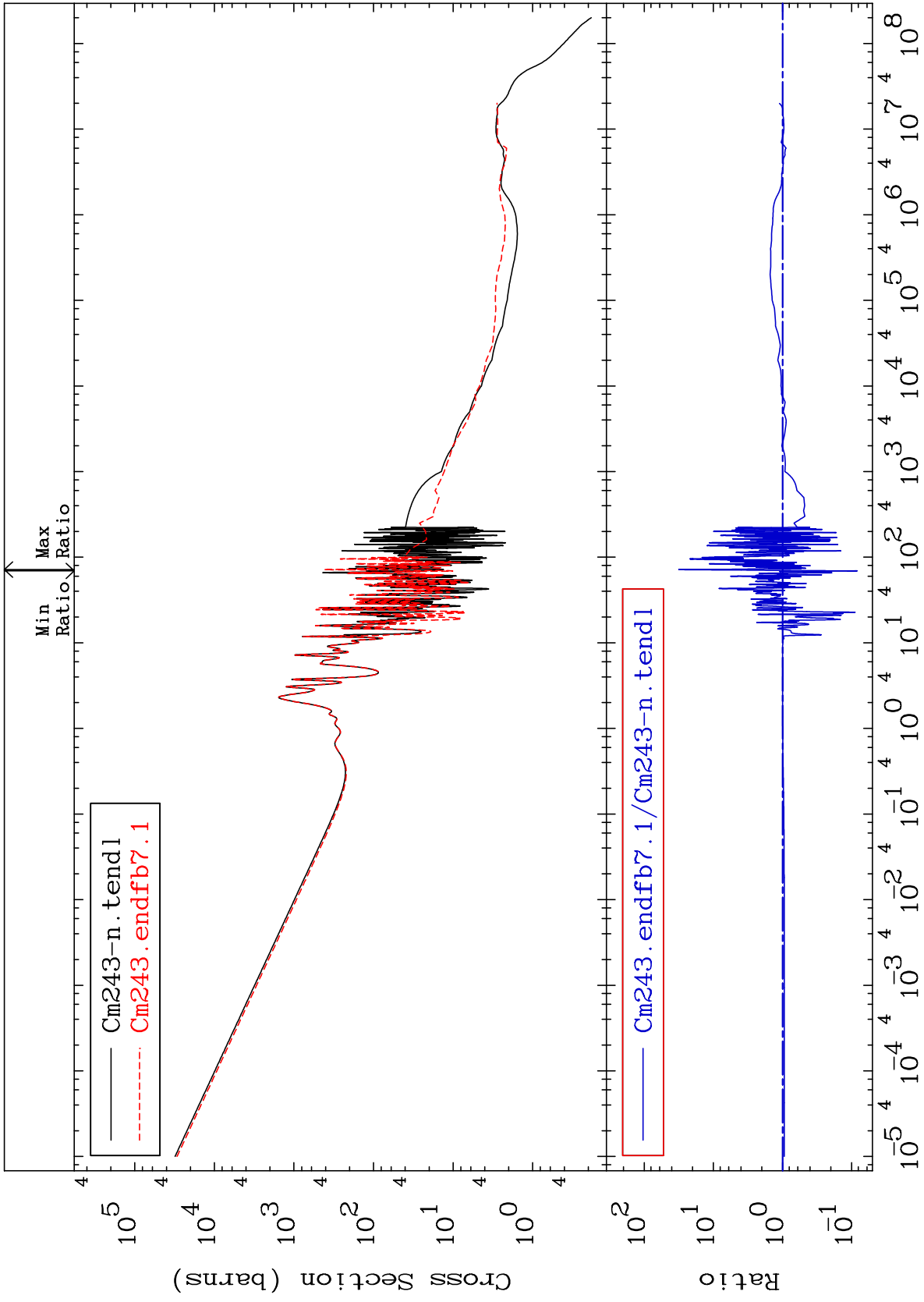
(n,3n)  
Cross Section

96-Cm-243  
-95.85 To 6.686 %



MAT 9634

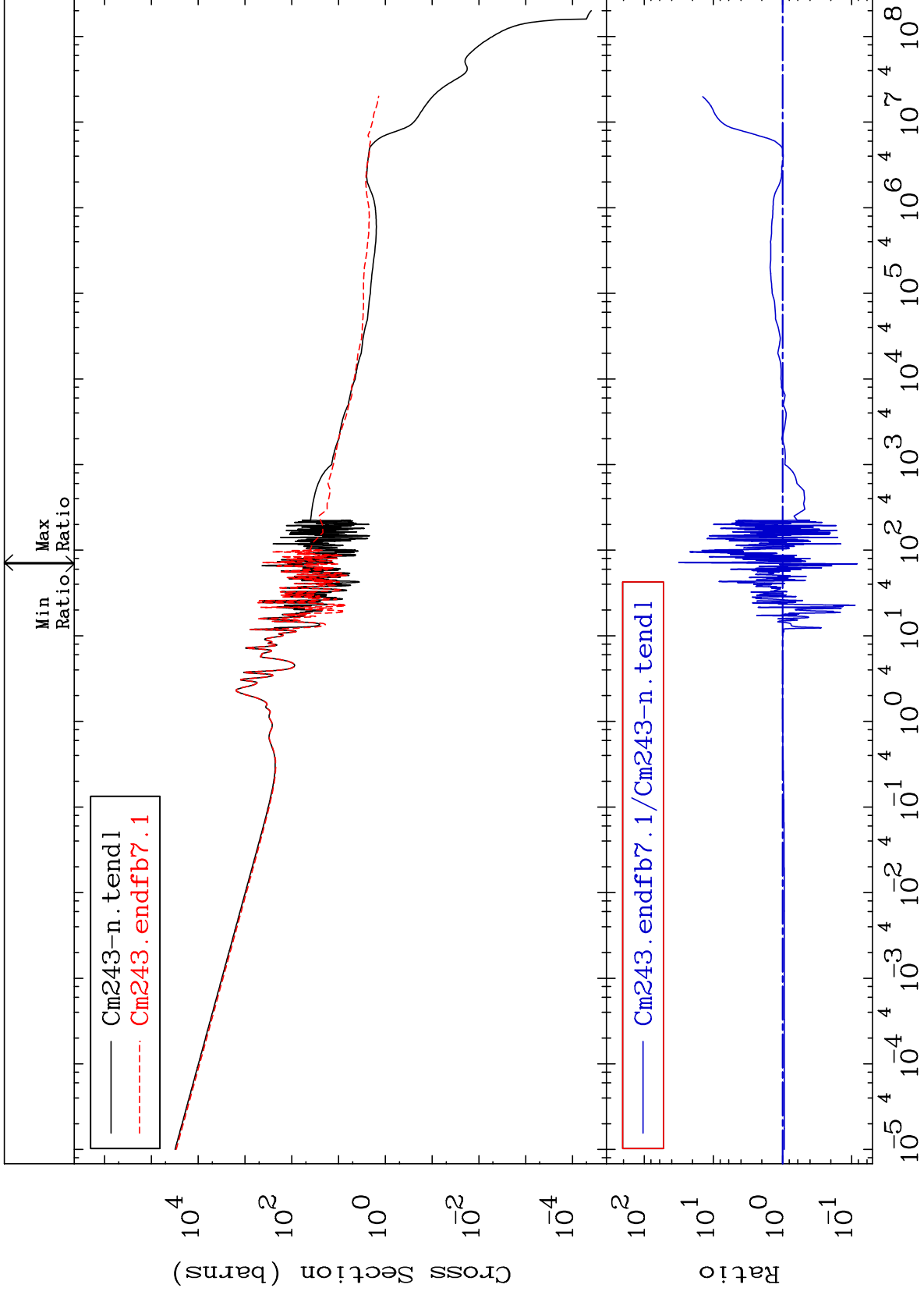
Fission Cross Section 96-Cm-243  
-91.72 To 3087. %



MAT 9634

(n,f) First Chance  
Cross Section

96-Cm-243  
-91.72 To 3087. %



7

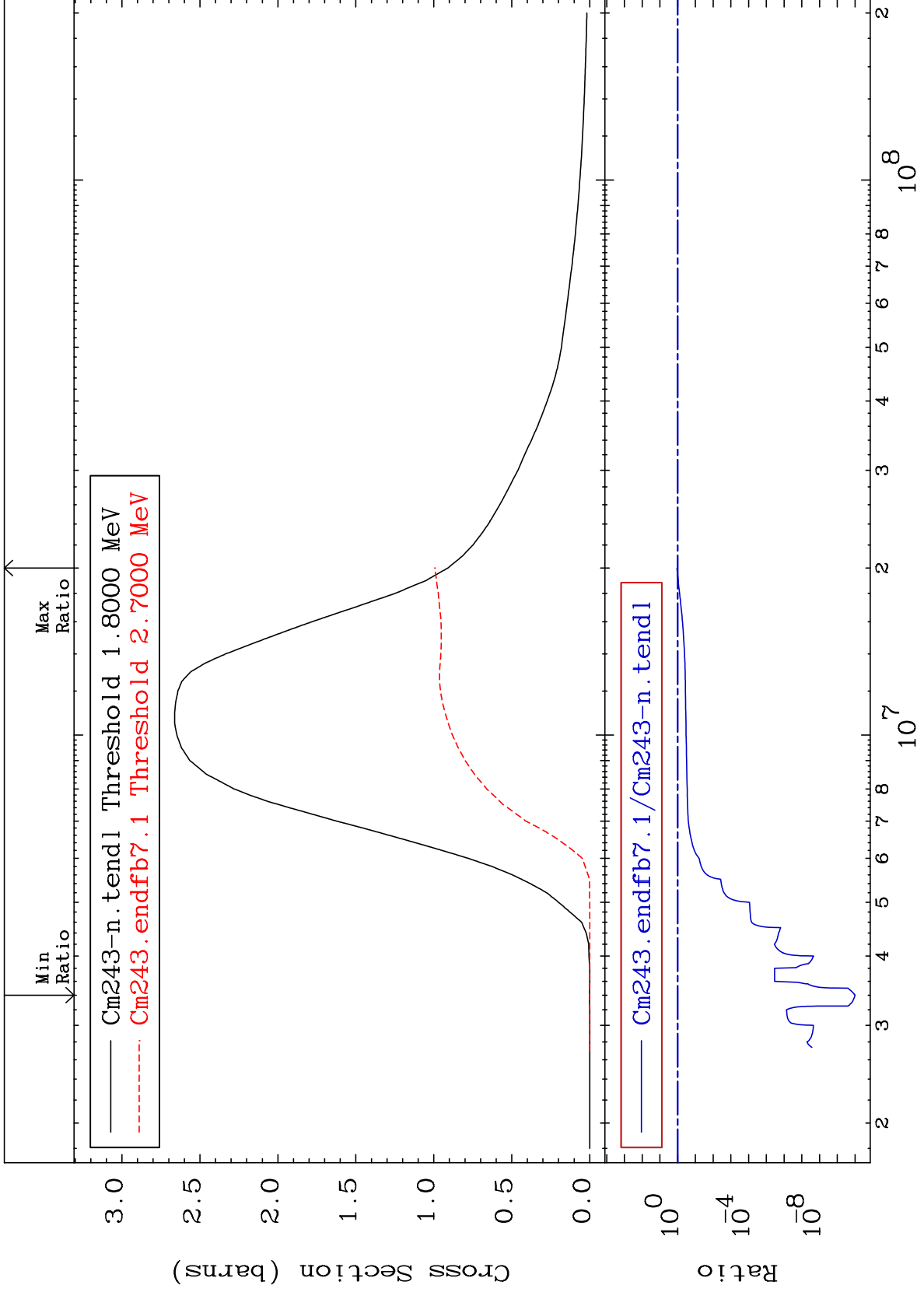
Incident Energy (eV)

96-Cm-243

MAT 9634

(n, nf) Second Chance  
Cross Section

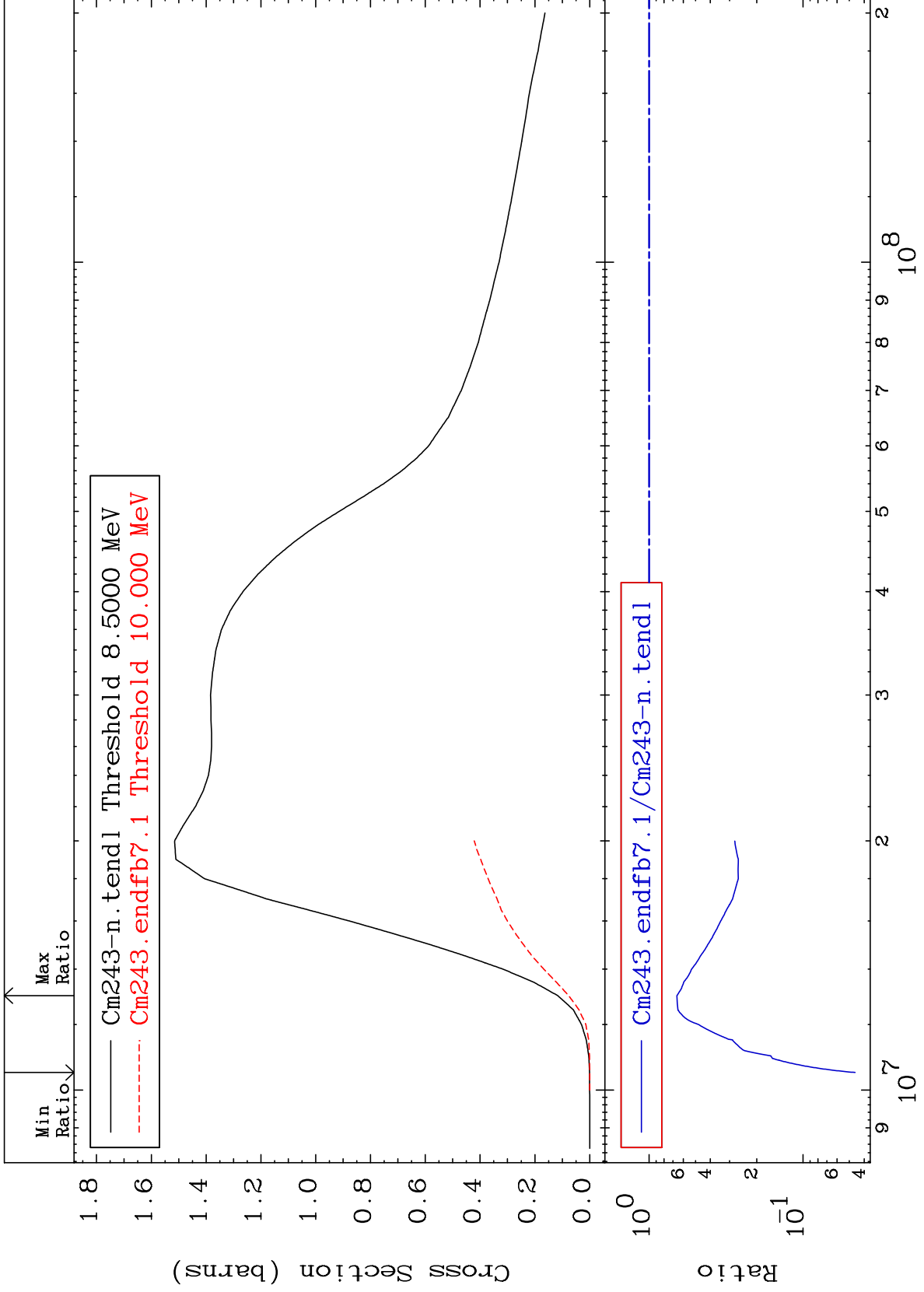
96-Cm-243  
-100.0 To 9.320 %



MAT 9634

(n,2nf) Third Chance  
Cross Section

96-Cm-243  
-95.41 To -34.02%



9

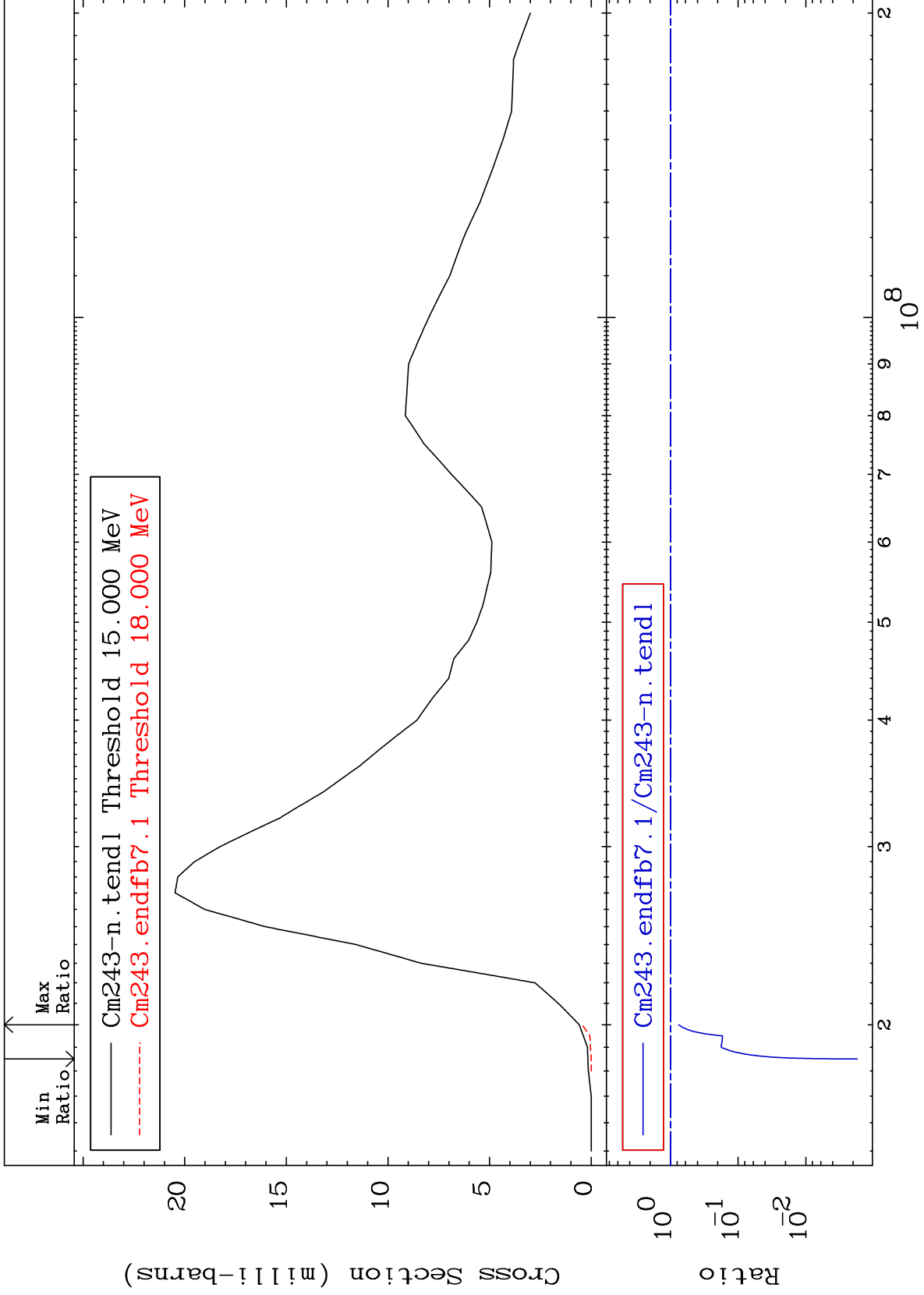
Incident Energy (eV)

96-Cm-243

MAT 9634

(n,3nf) Fourth Chance  
Cross Section

96-Cm-243  
-99.83 To -24.23%



10

Incident Energy (eV)

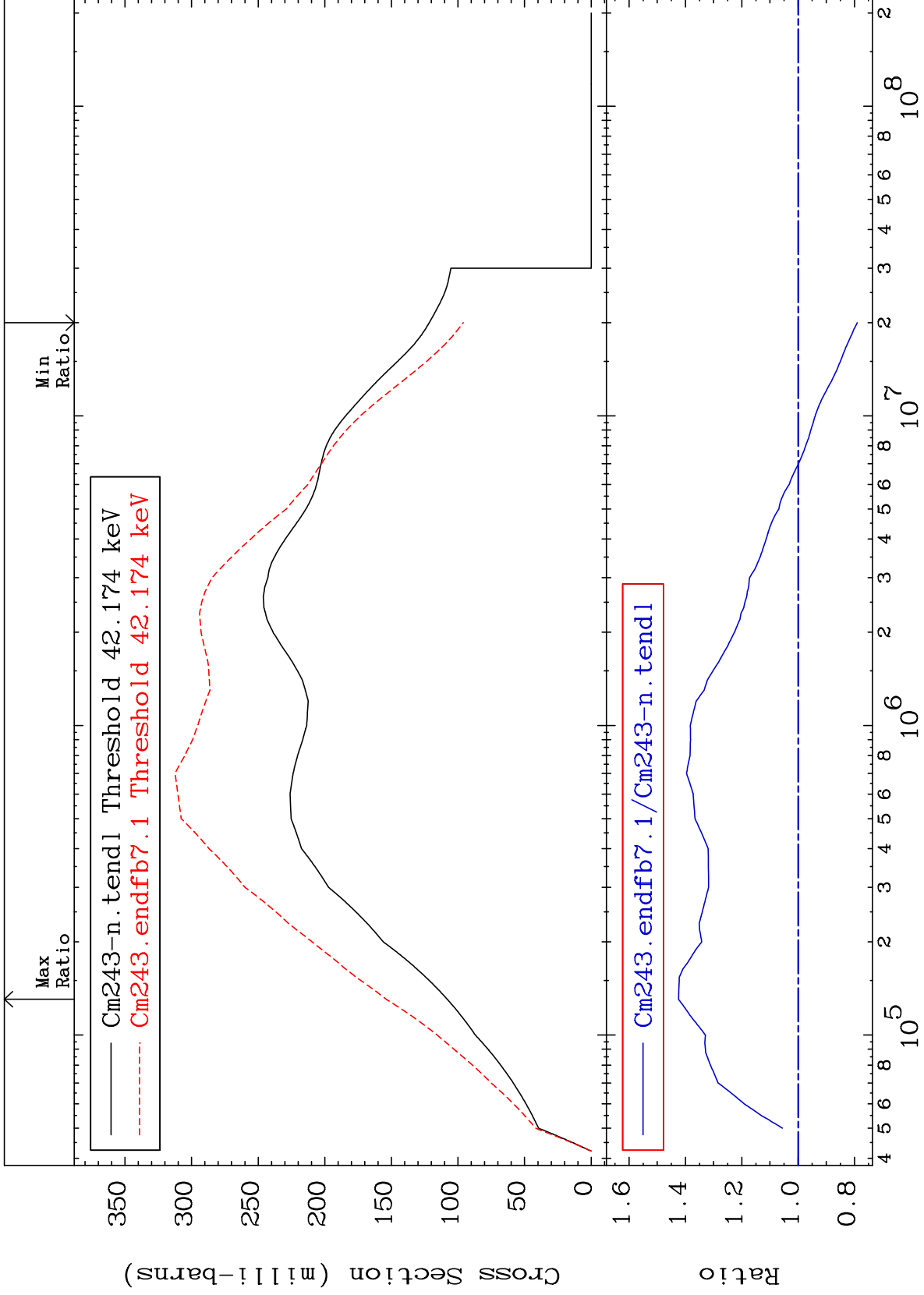
96-Cm-243



MAT 9634

42.00 keV (n,n') Level  
Cross Section

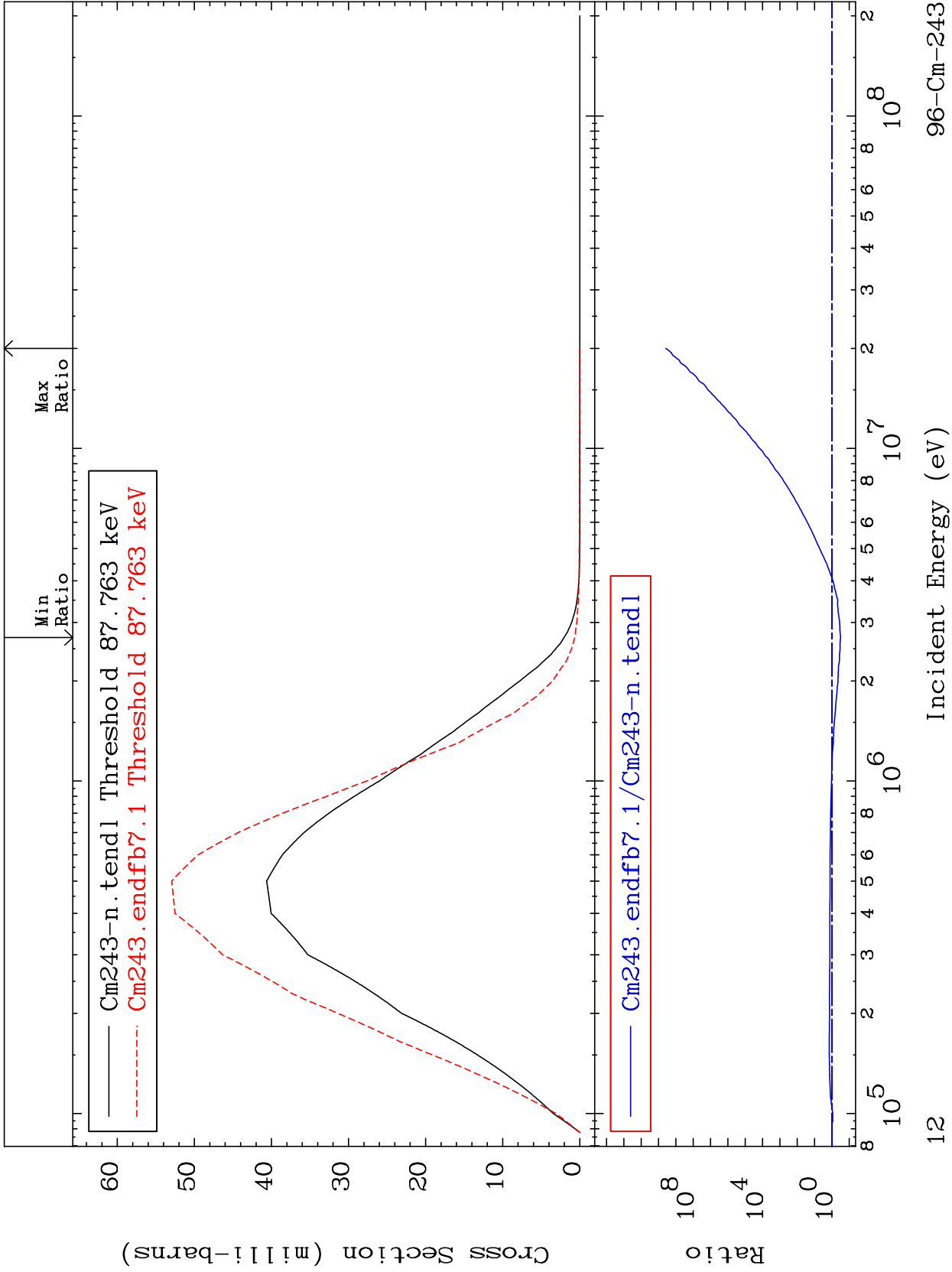
96-Cm-243  
-20.99 To 42.41 %



MAT 9634

87.40 keV (n,n') Level  
Cross Section

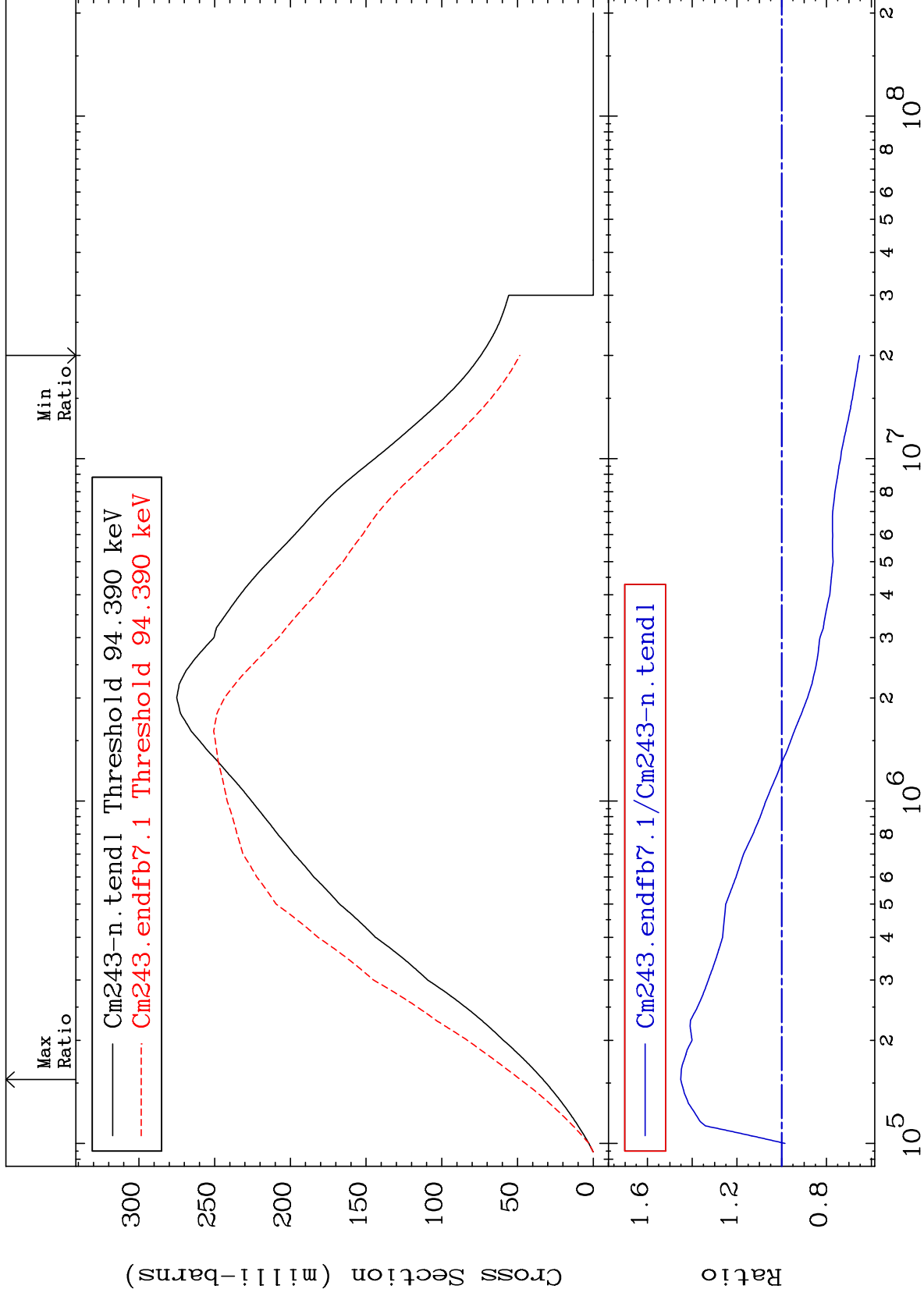
96-Cm-243  
-68.42 To 9999. %



MAT 9634

94.00 keV (n,n') Level  
Cross Section

96-Cm-243  
-34.74 To 45.11 %



13

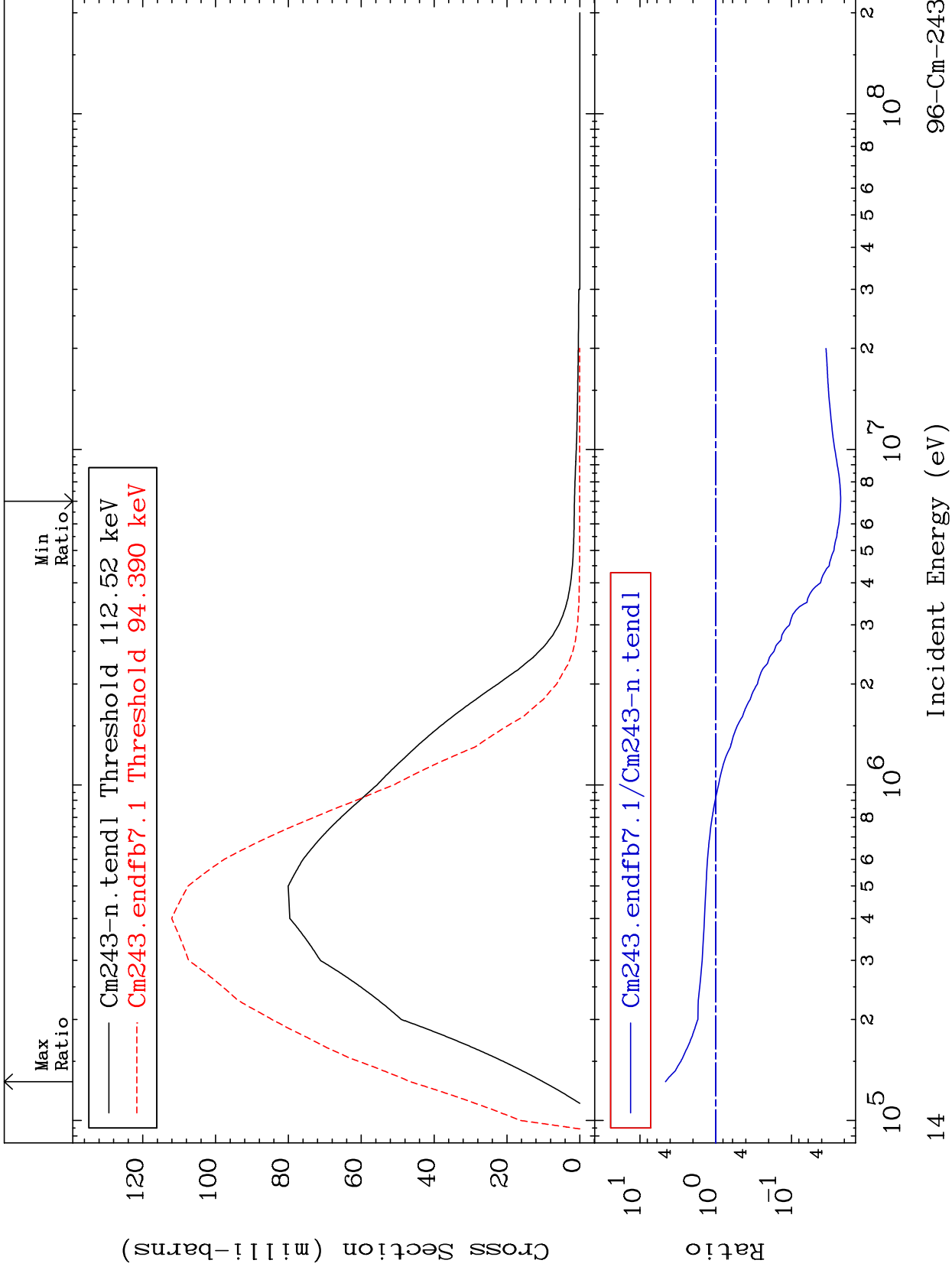
Incident Energy (eV)

96-Cm-243

MAT 9634

112.1 keV (n,n') Level  
Cross Section

96-Cm-243  
-97.76 To 360.7 %



96-Cm-243

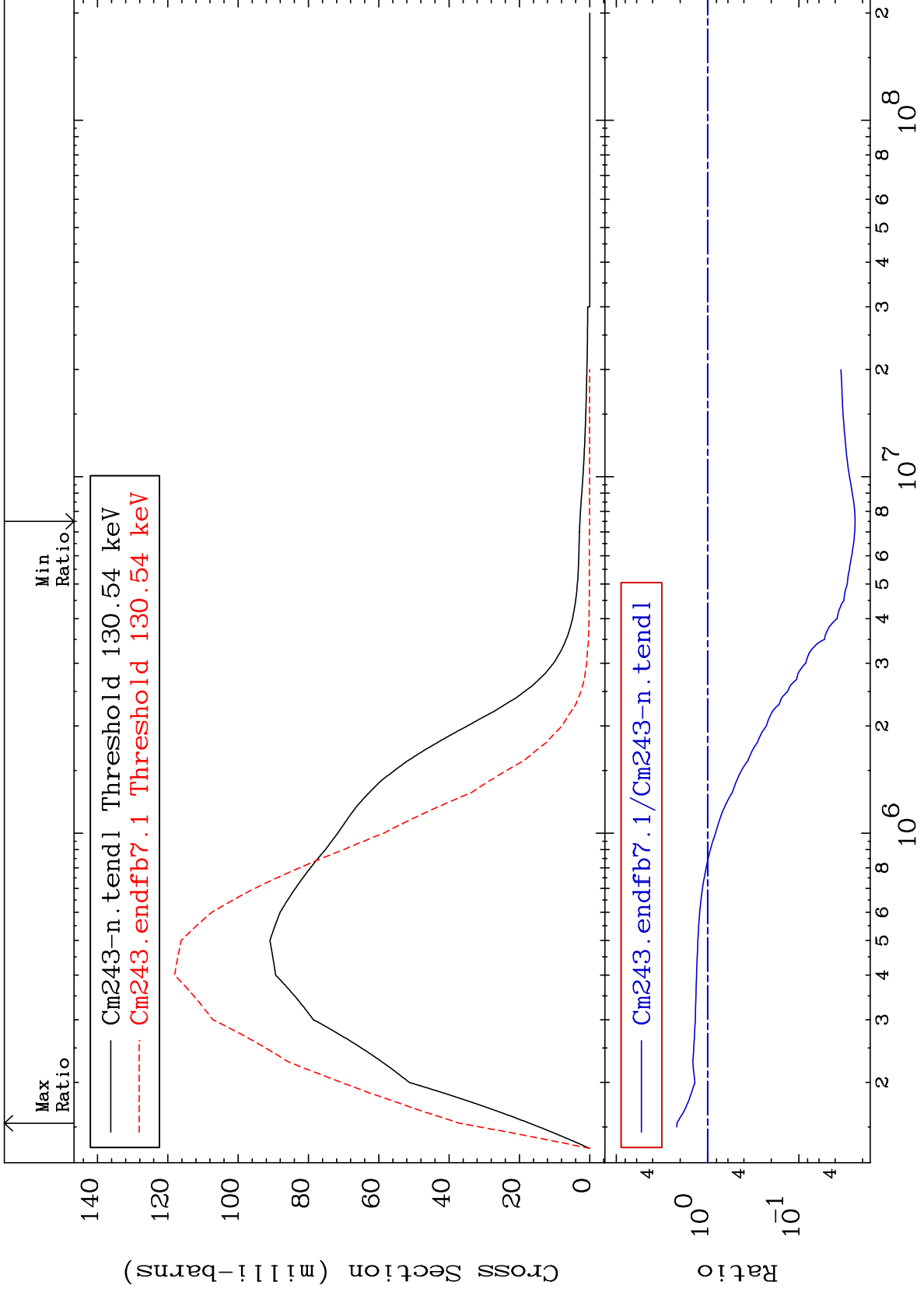
Incident Energy (eV)

14

MAT 9634

130.0 keV (n,n') Level  
Cross Section

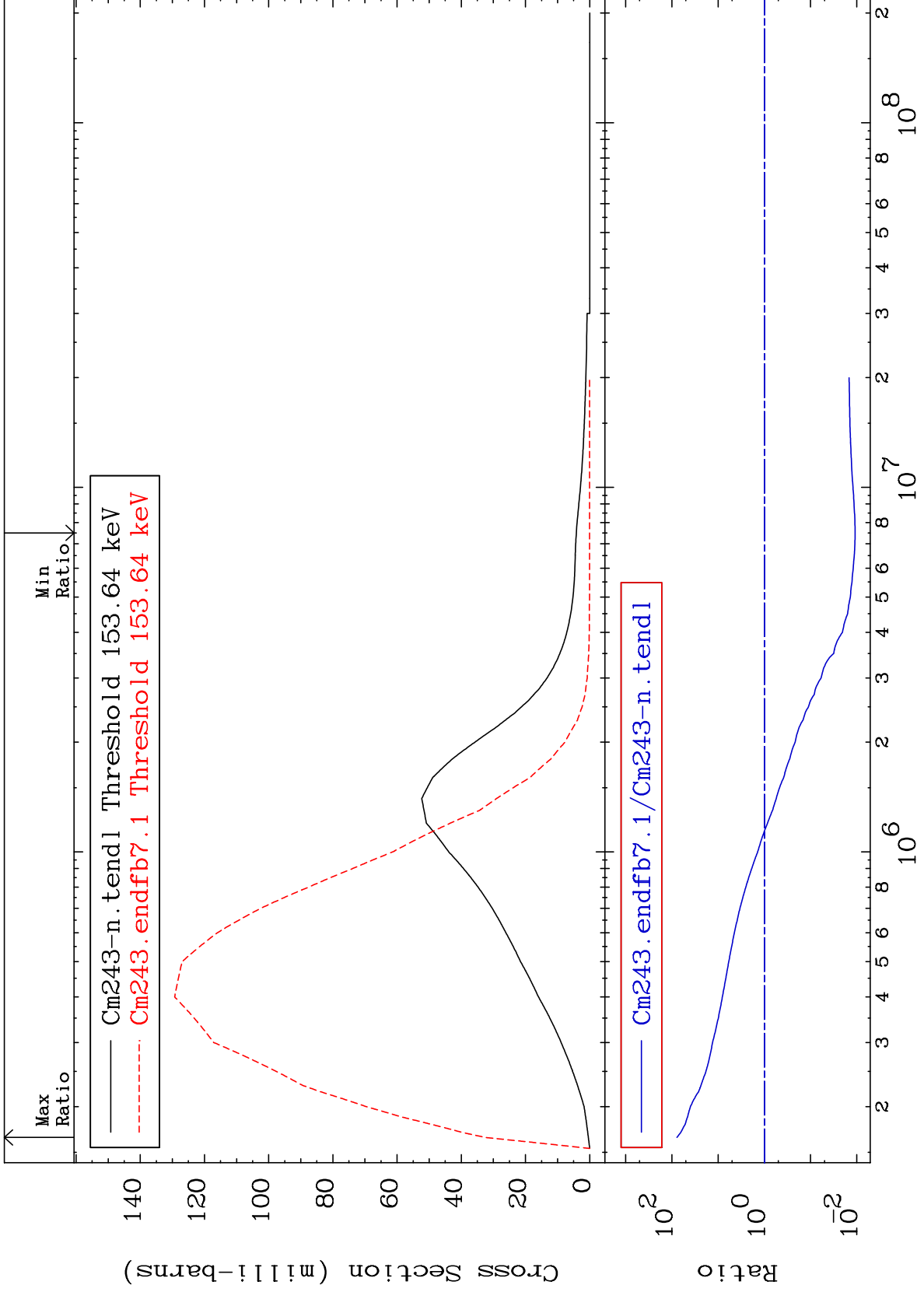
96-Cm-243  
-97.59 To 116.8 %



MAT 9634

153.0 keV (n,n') Level  
Cross Section

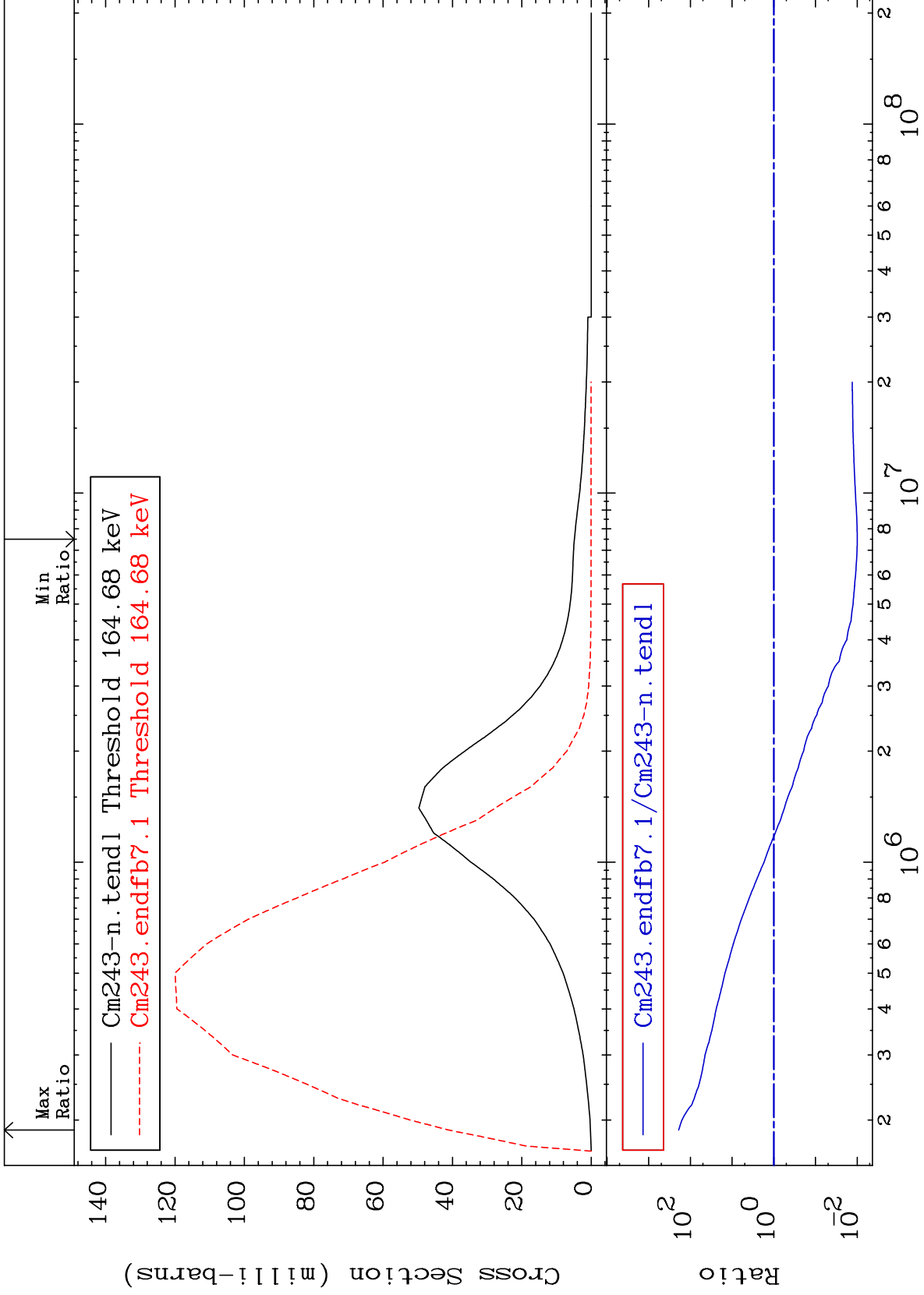
96-Cm-243  
-98.91 To 7701. %



MAT 9634

164.0 keV (n,n') Level  
Cross Section

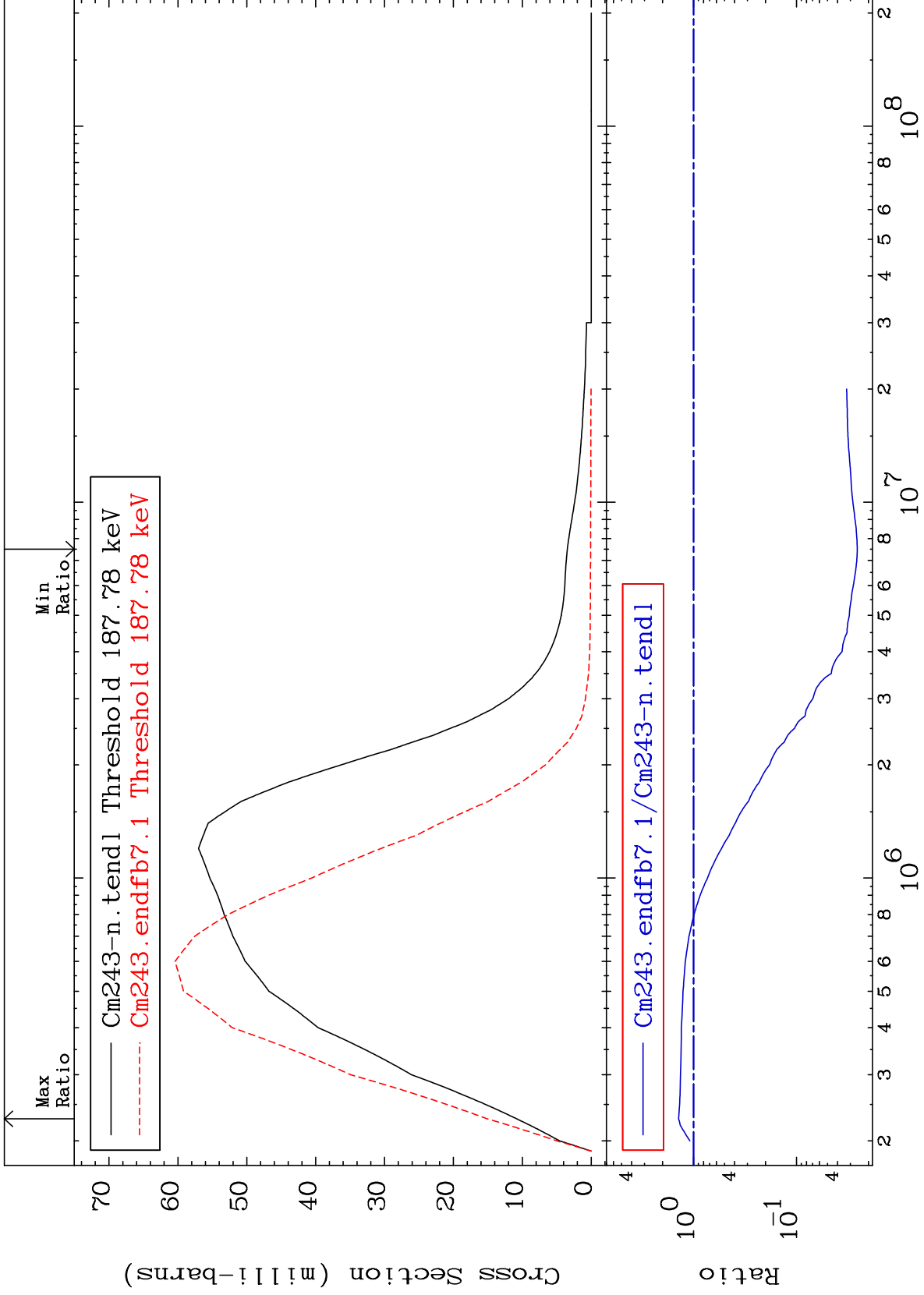
96-Cm-243  
-99.00 To 9999. %



MAT 9634

187.0 keV (n,n') Level  
Cross Section

96-Cm-243  
-97.43 To 39.64 %



18

Incident Energy (eV)

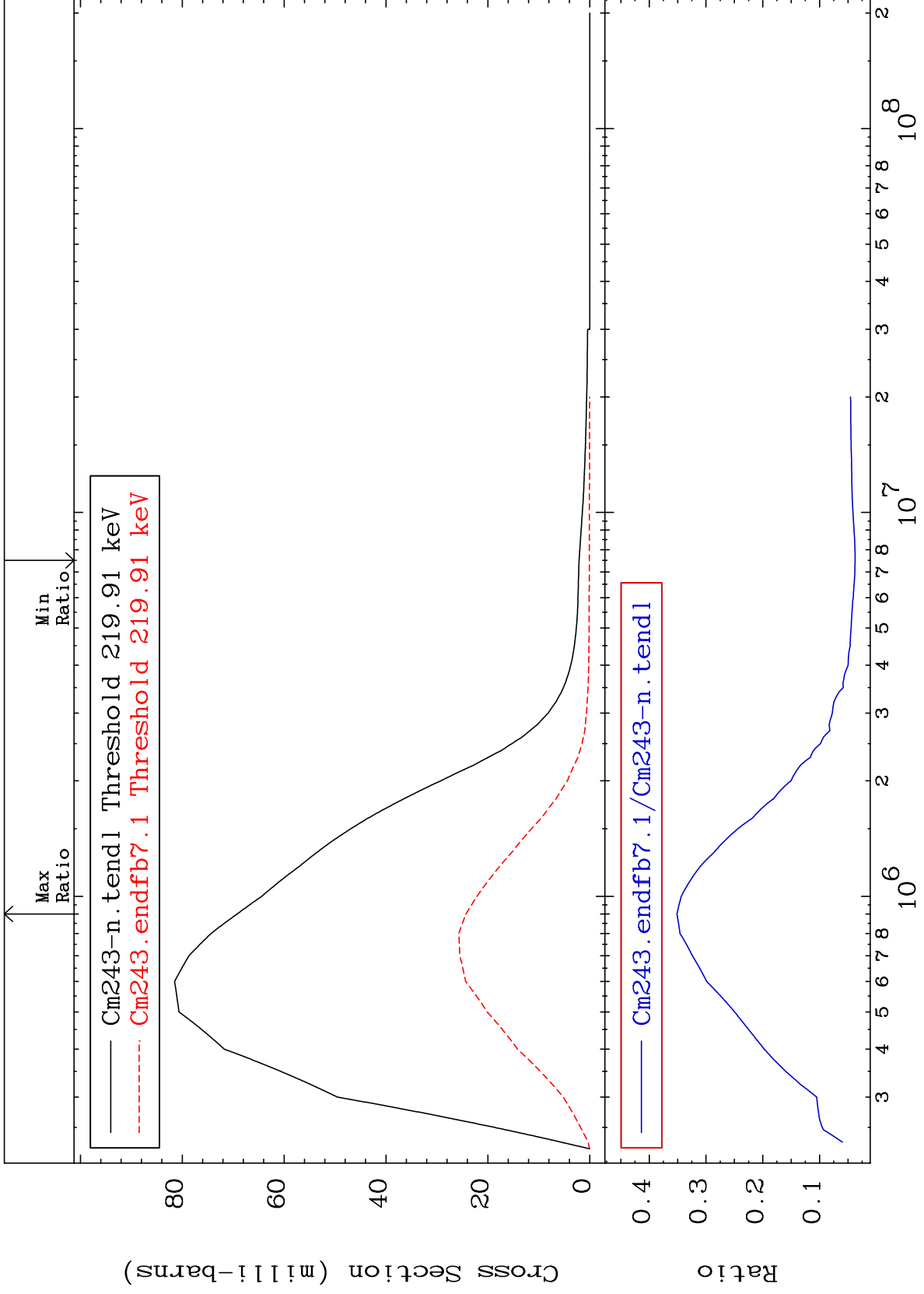
96-Cm-243



MAT 9634

219.0 keV (n,n') Level  
Cross Section

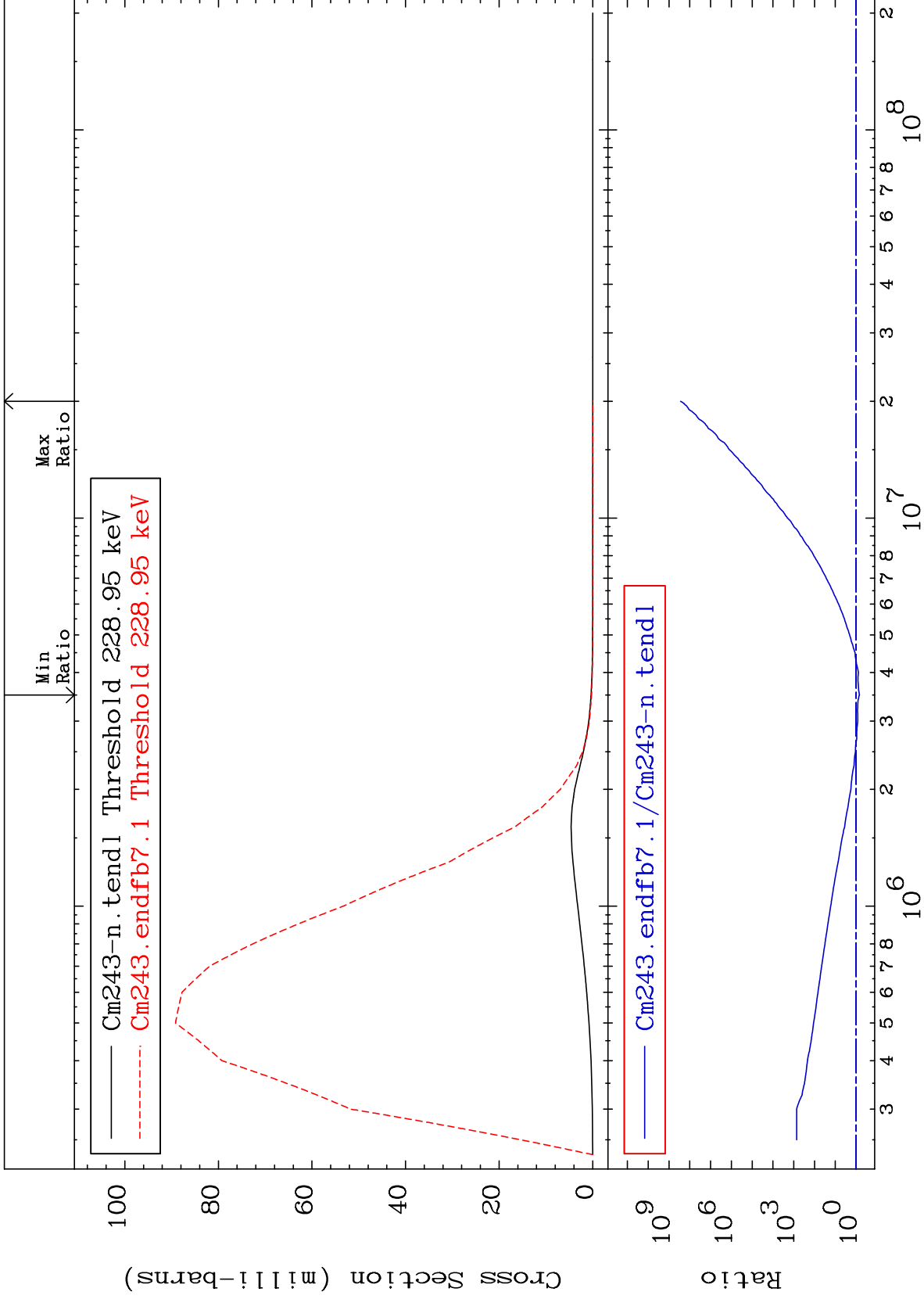
96-Cm-243  
-96.26 To -64.88%



MAT 9634

228.0 keV (n,n') Level  
Cross Section

96-Cm-243  
-30.80 To 9999. %



20

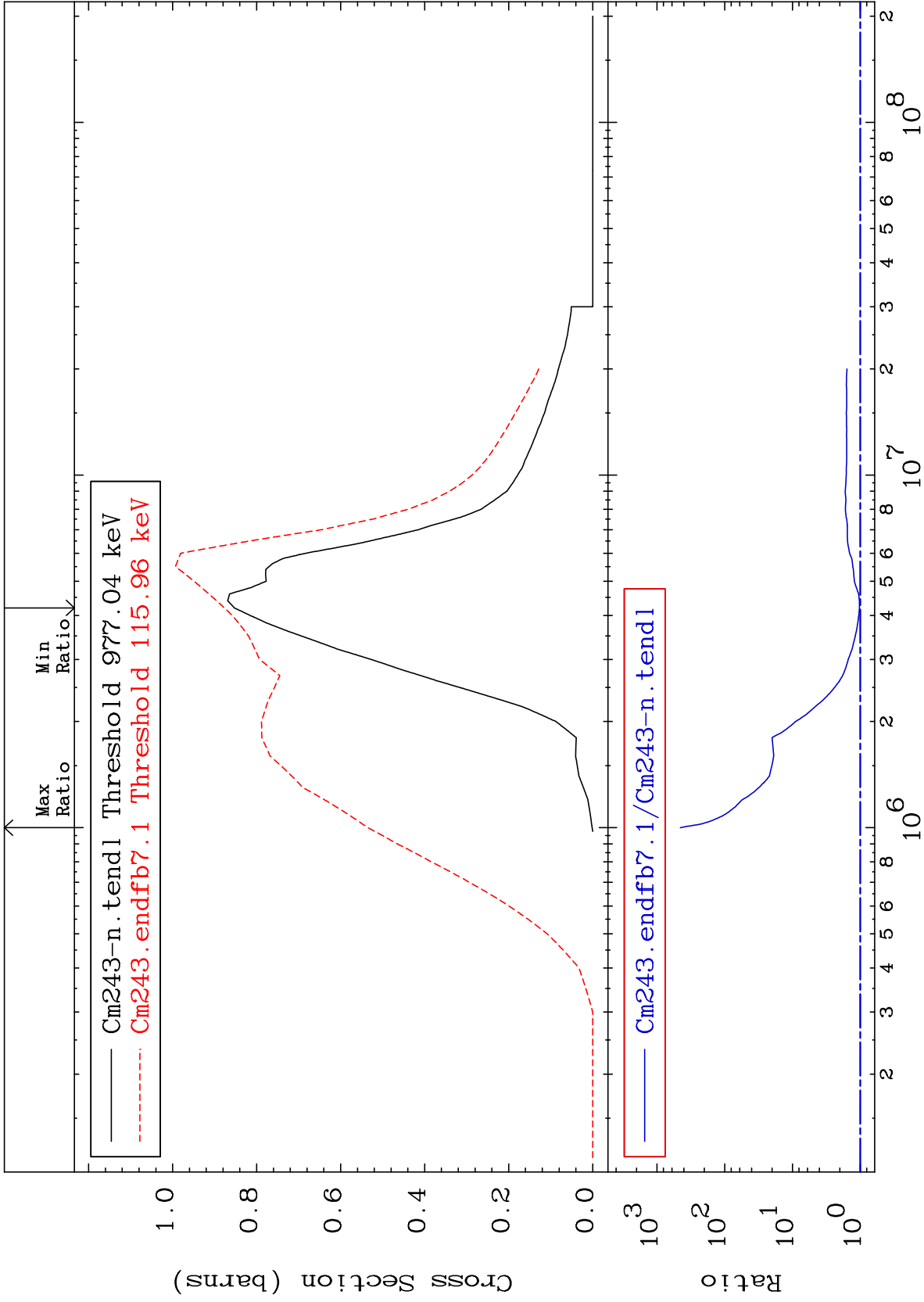
Incident Energy (eV)

96-Cm-243

MAT 9634

(n, n') Continuum  
Cross Section

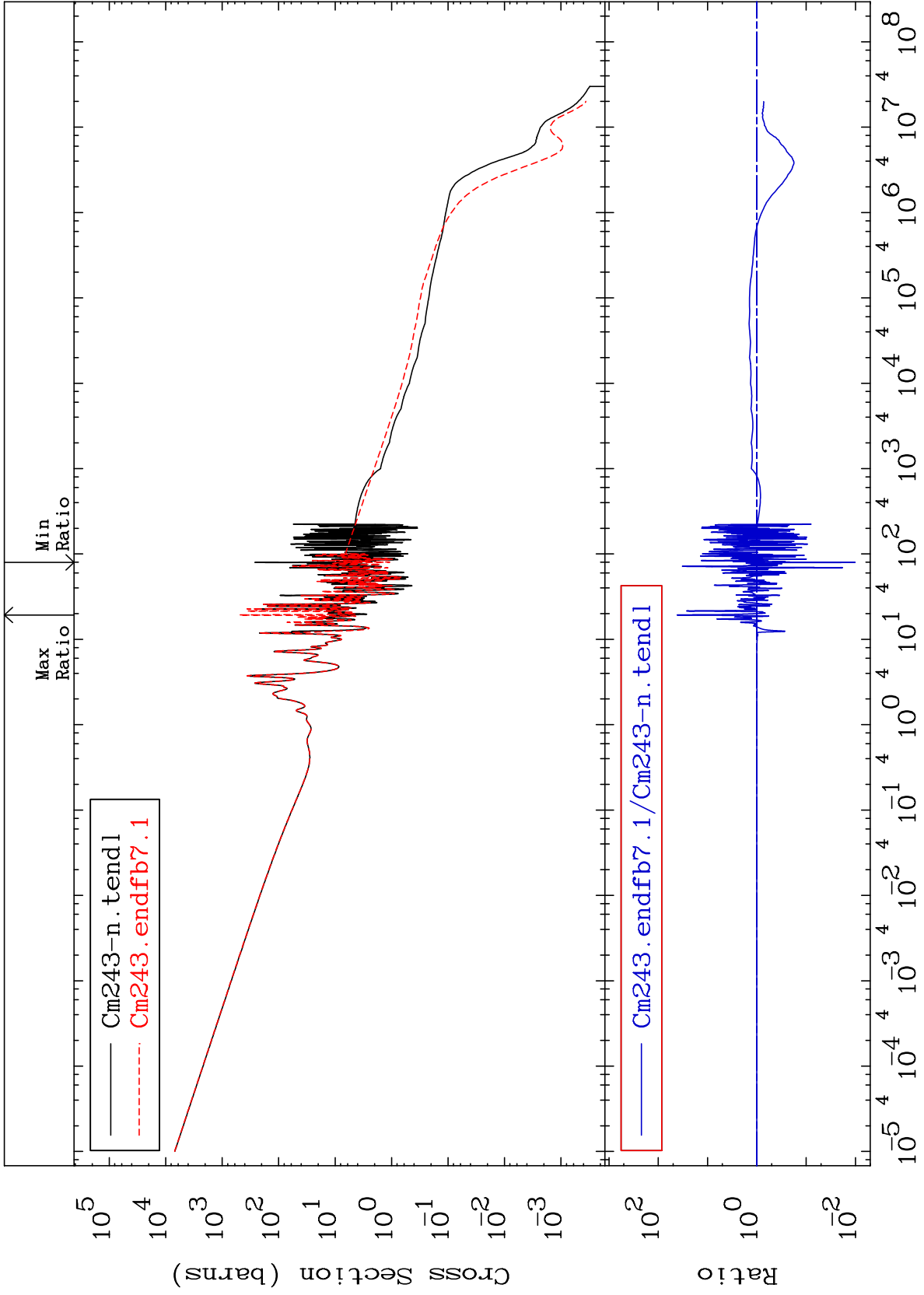
96-Cm-243  
2.779 To 9999. %



MAT 9634

96-Cm-243  
-98.98 To 4079. %

(n,  $\gamma$ )  
Cross Section



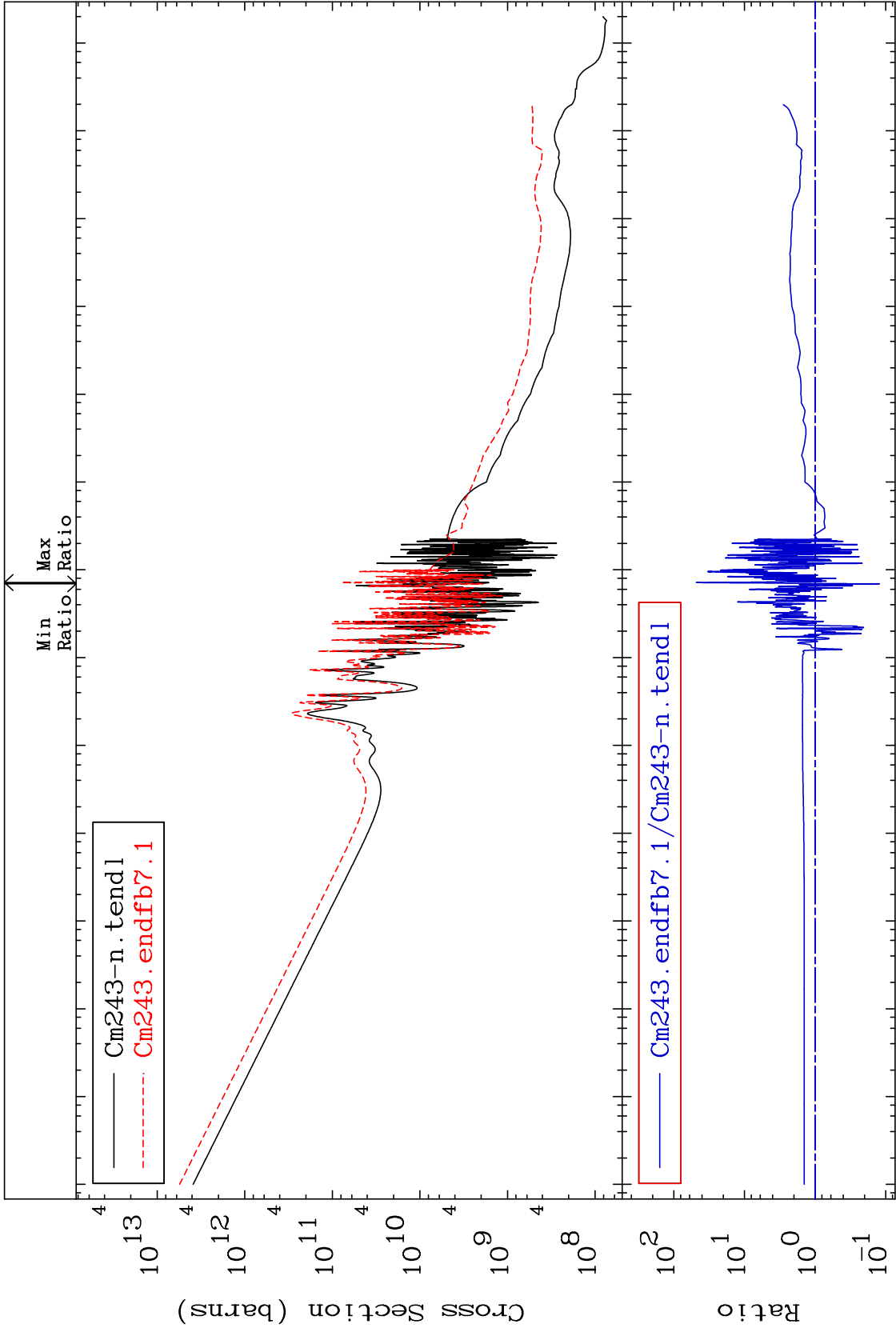
MAT 9634

Kerma total (eV-barns)

96-Cm-243

-87.74 To 4721. %

Cross Section



23

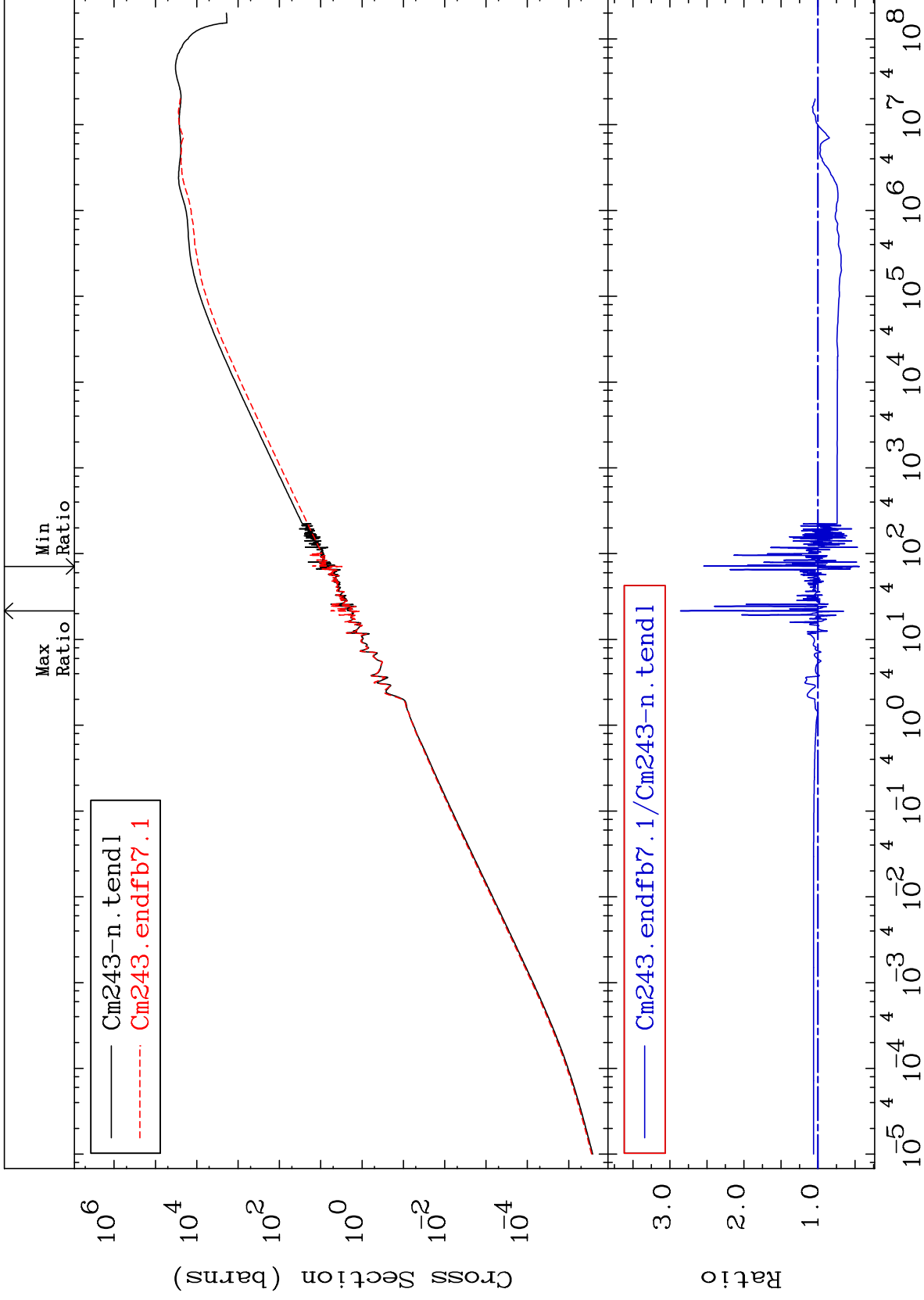
Incident Energy (eV)

96-Cm-243

MAT 9634

Kerma elastic  
Cross Section

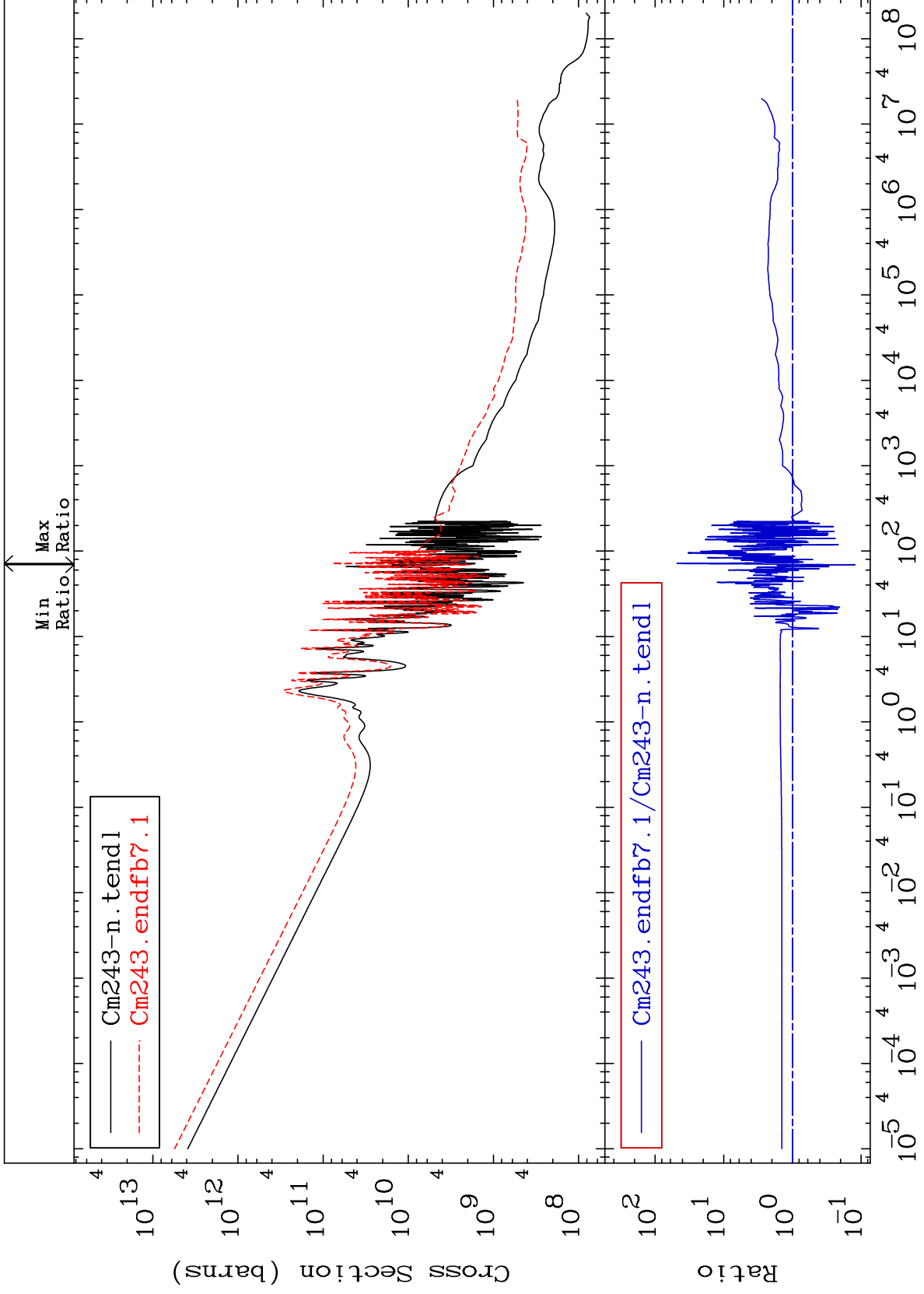
96-Cm-243  
-55.93 To 185.9 %

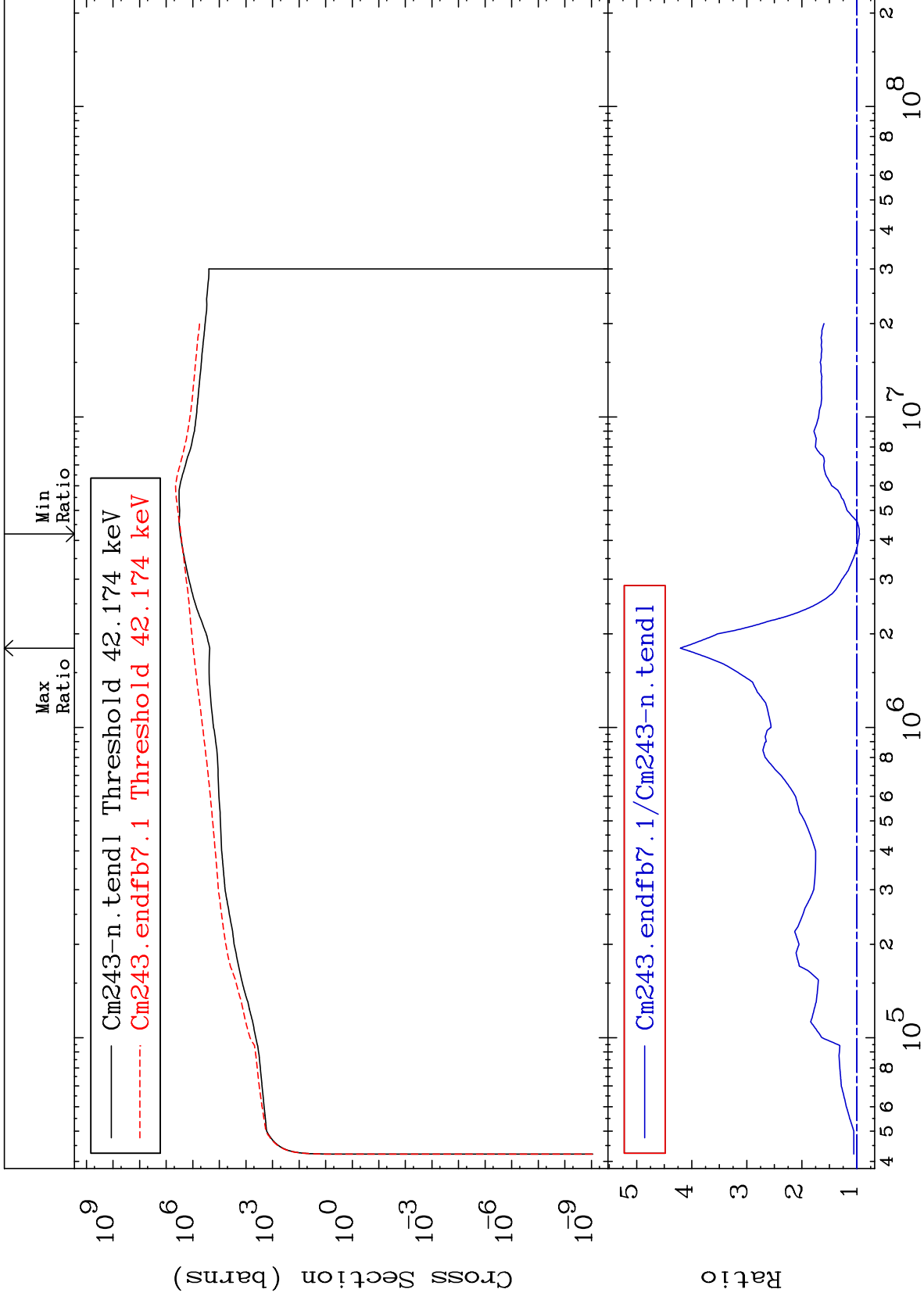


MAT 9634

Kerma non-elastic (all but mt2)  
Cross Section

96-Cm-243  
-87.74 To 4721. %



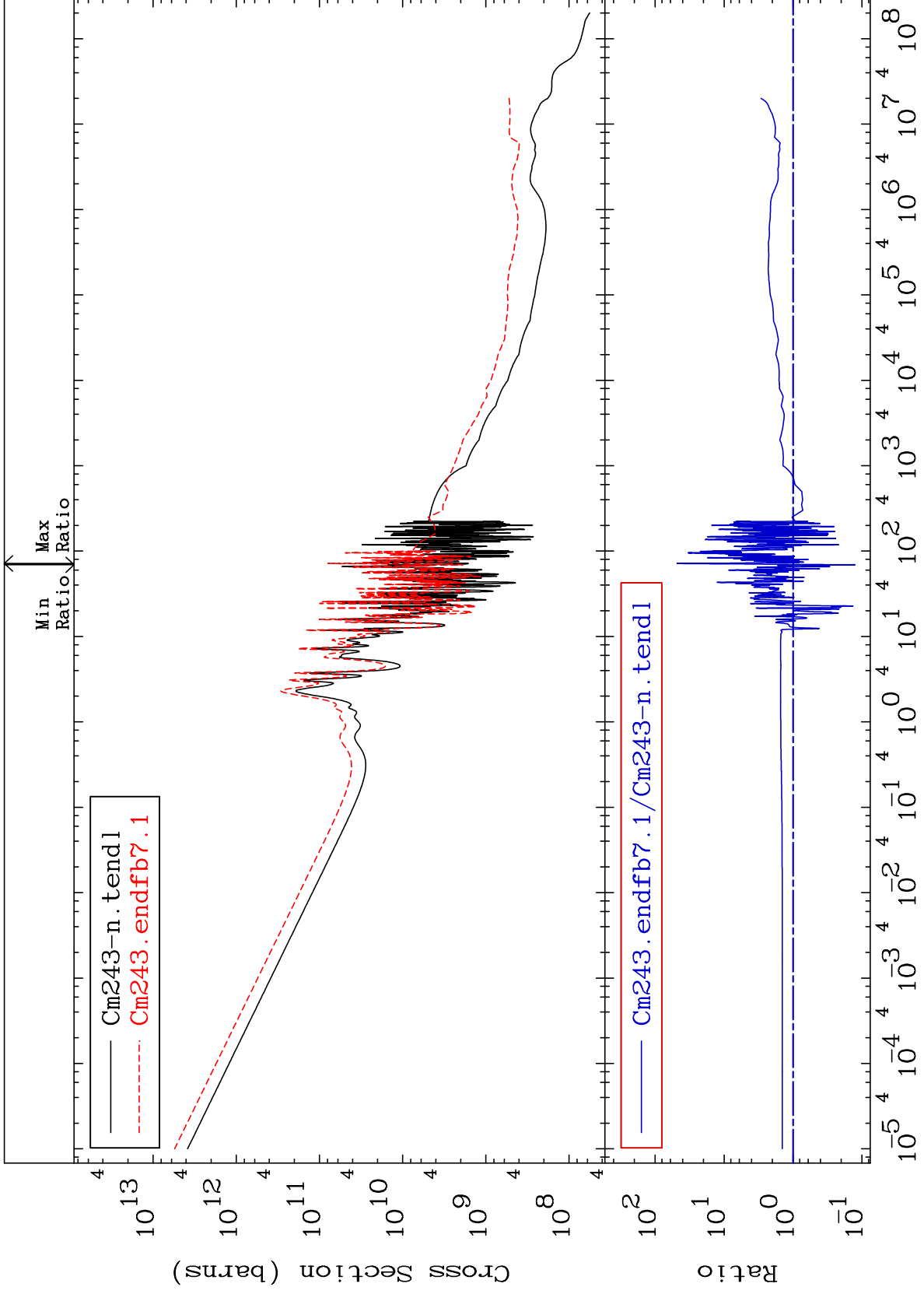




MAT 9634

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

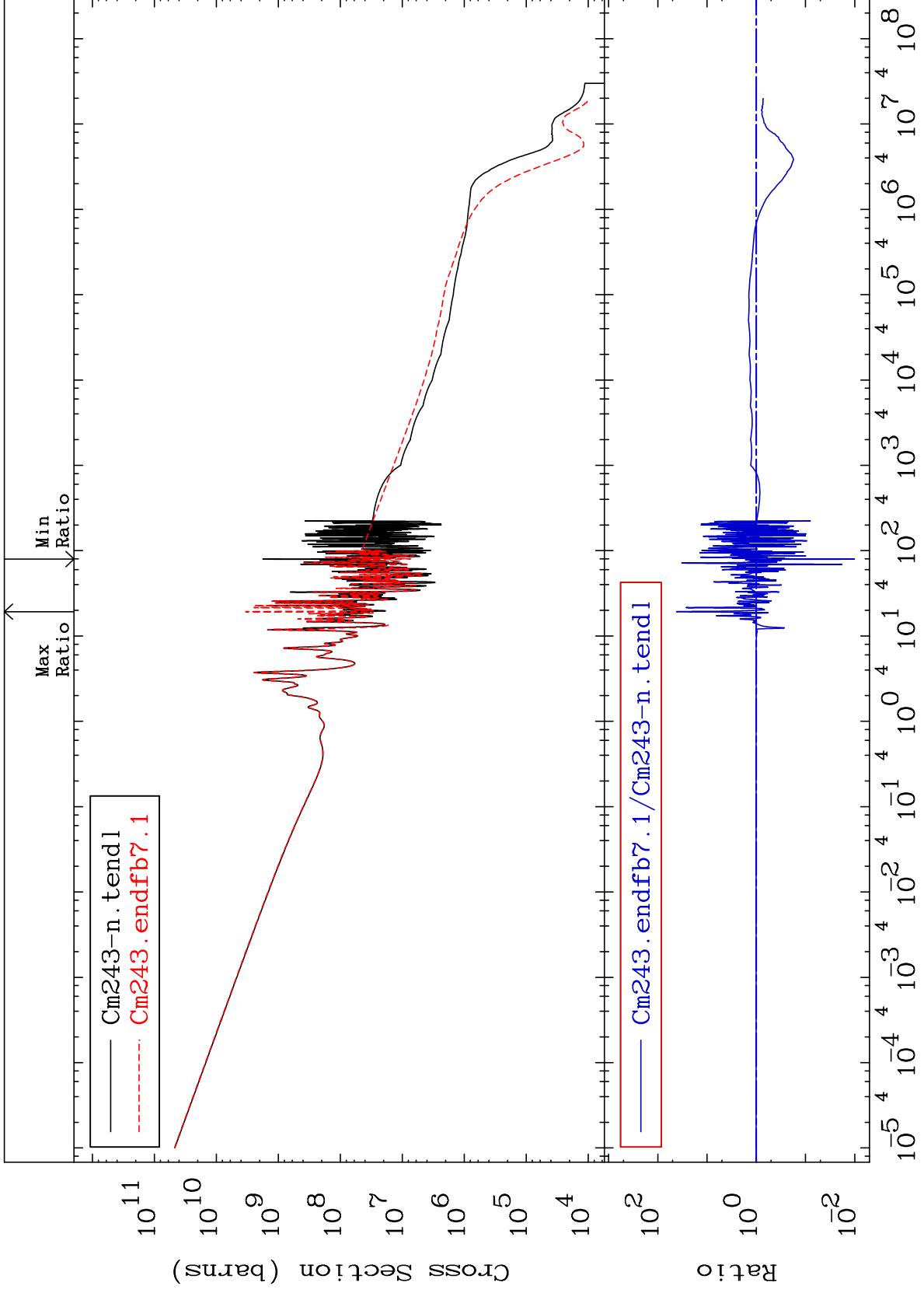
96-Cm-243  
-87.44 To 4733. %



MAT 9634

Kerma capture (mt102)  
Cross Section

96-Cm-243  
-98.98 To 4095. %



28

Incident Energy (eV)

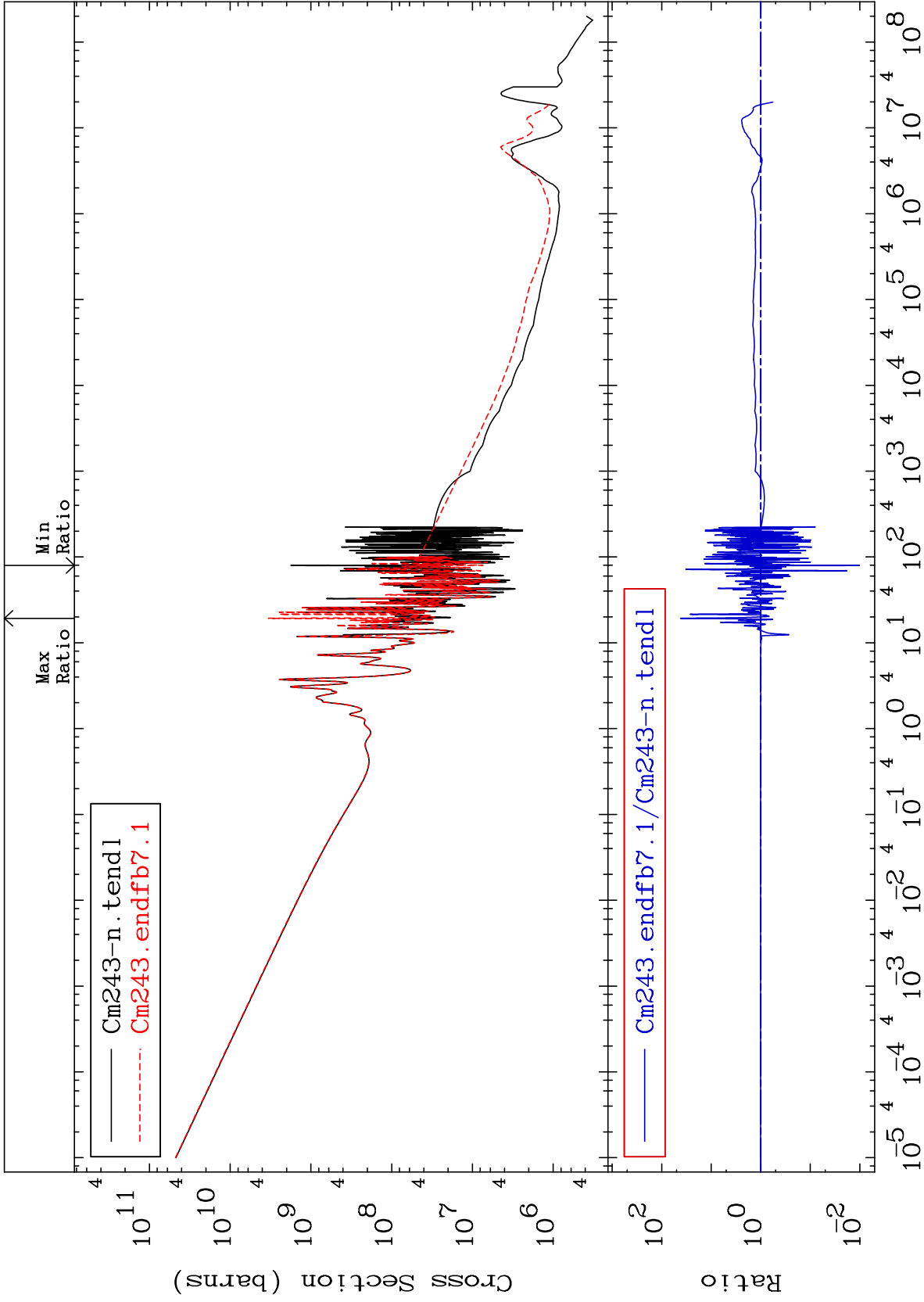
96-Cm-243

MAT 9634

Total photon (eV-barns)

96-Cm-243

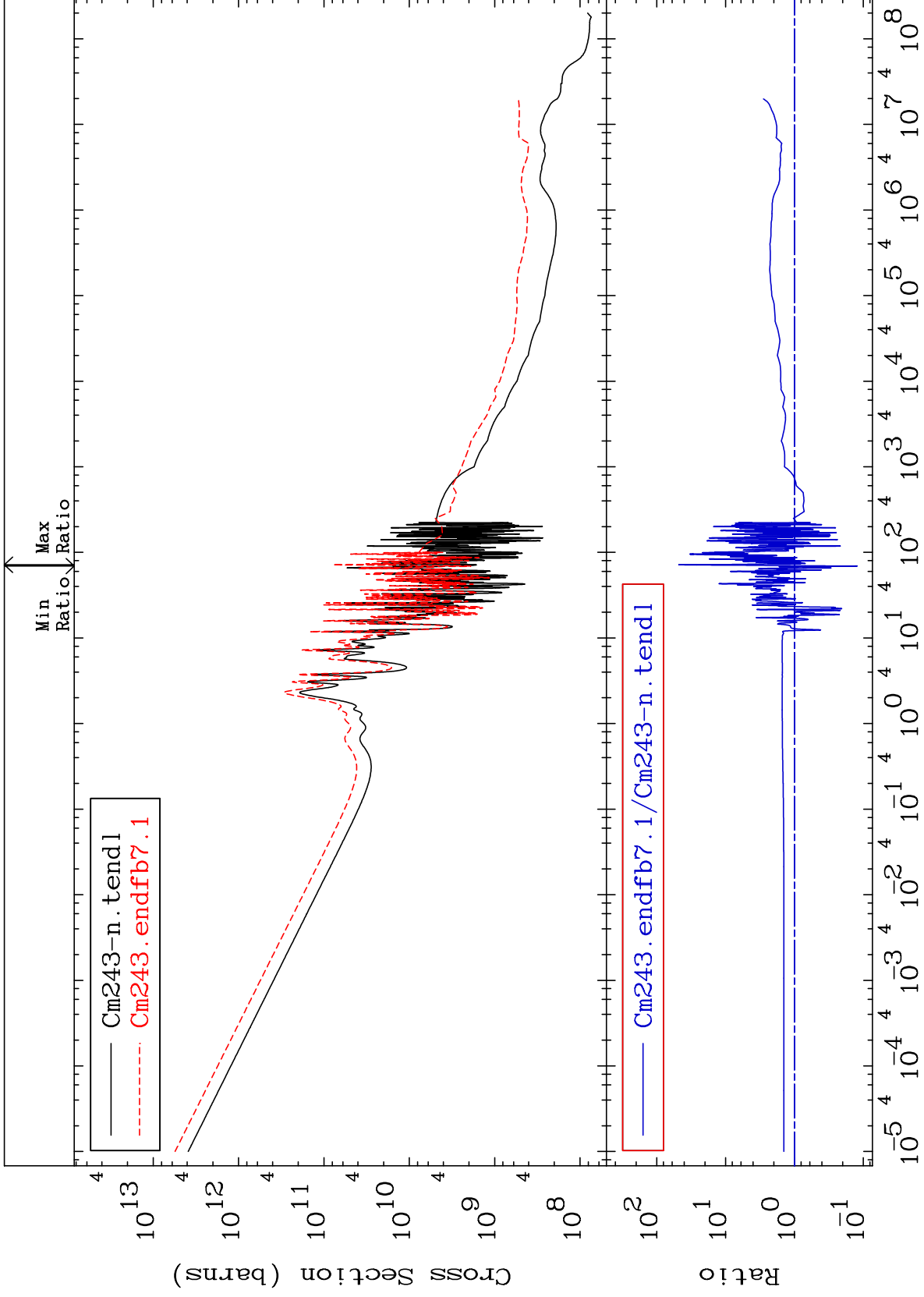
-98.98 To 4095. %



MAT 9634

Total kinematic kerma (high limit)  
Cross Section

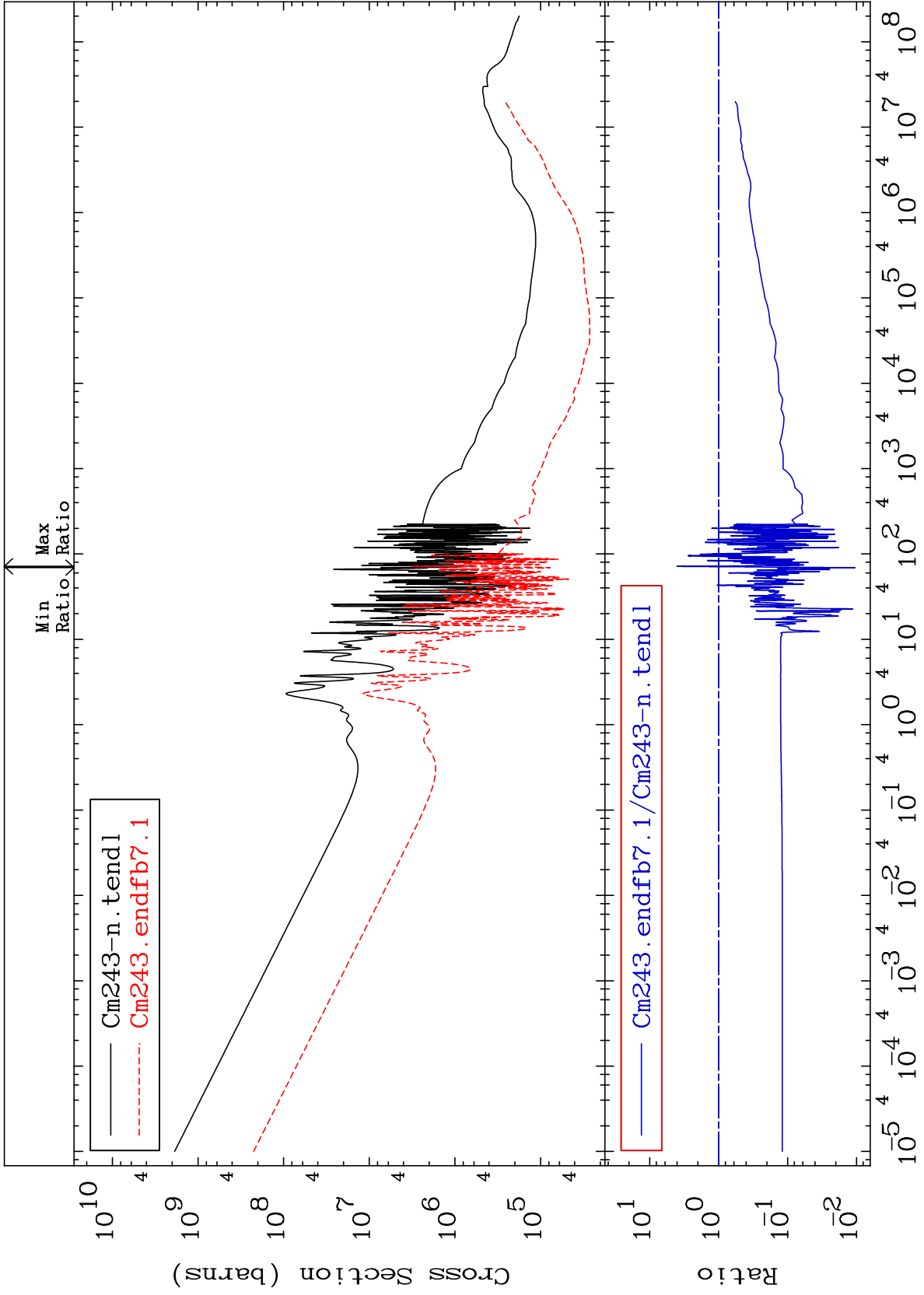
96-Cm-243  
-87.74 To 4721. %



MAT 9634

Dpa total (eV-barns)  
Cross Section

96-Cm-243  
-98.95 To 303.5 %



31

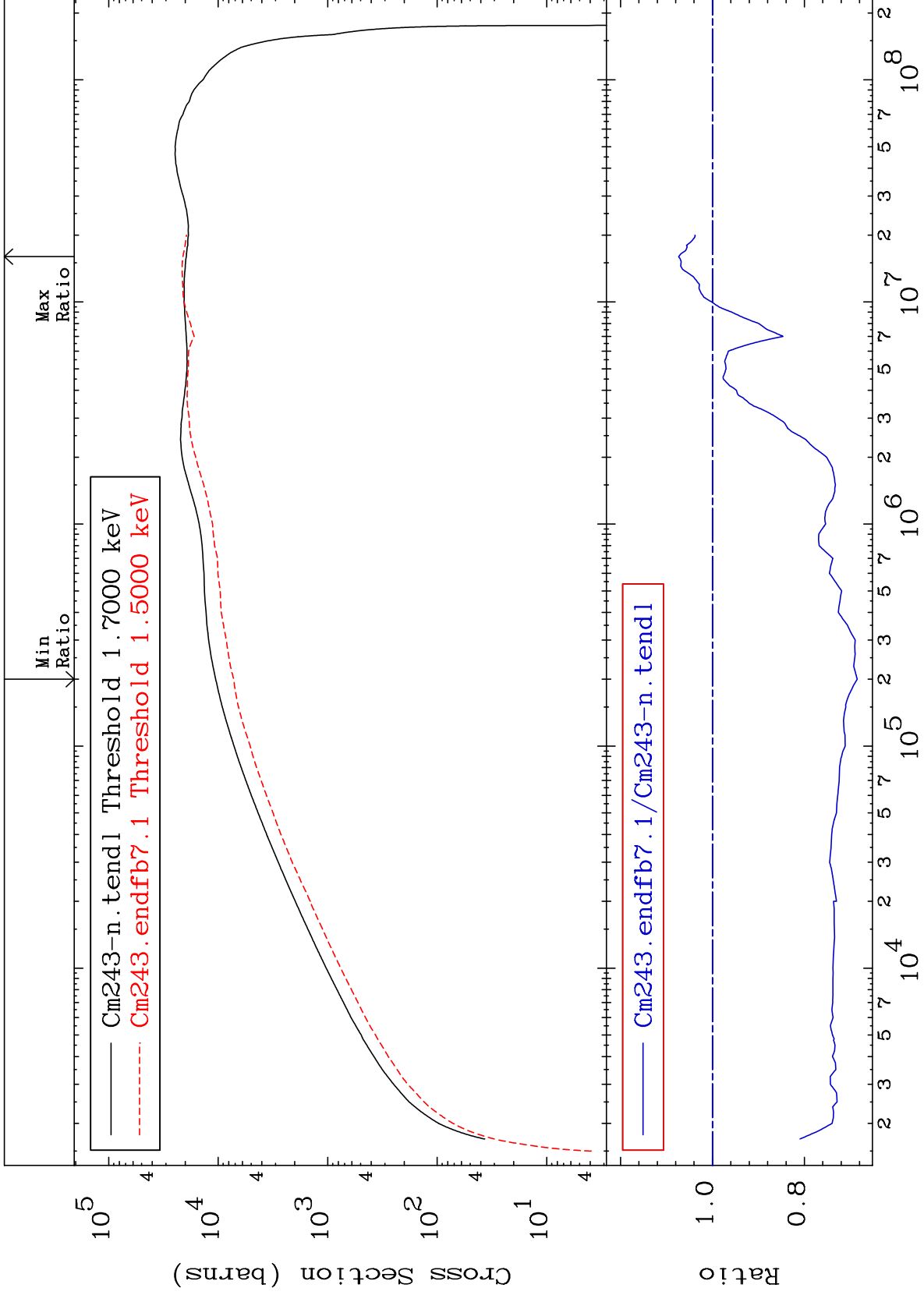
Incident Energy (eV)

96-Cm-243

MAT 9634

Dpa elastic (mt2)  
Cross Section

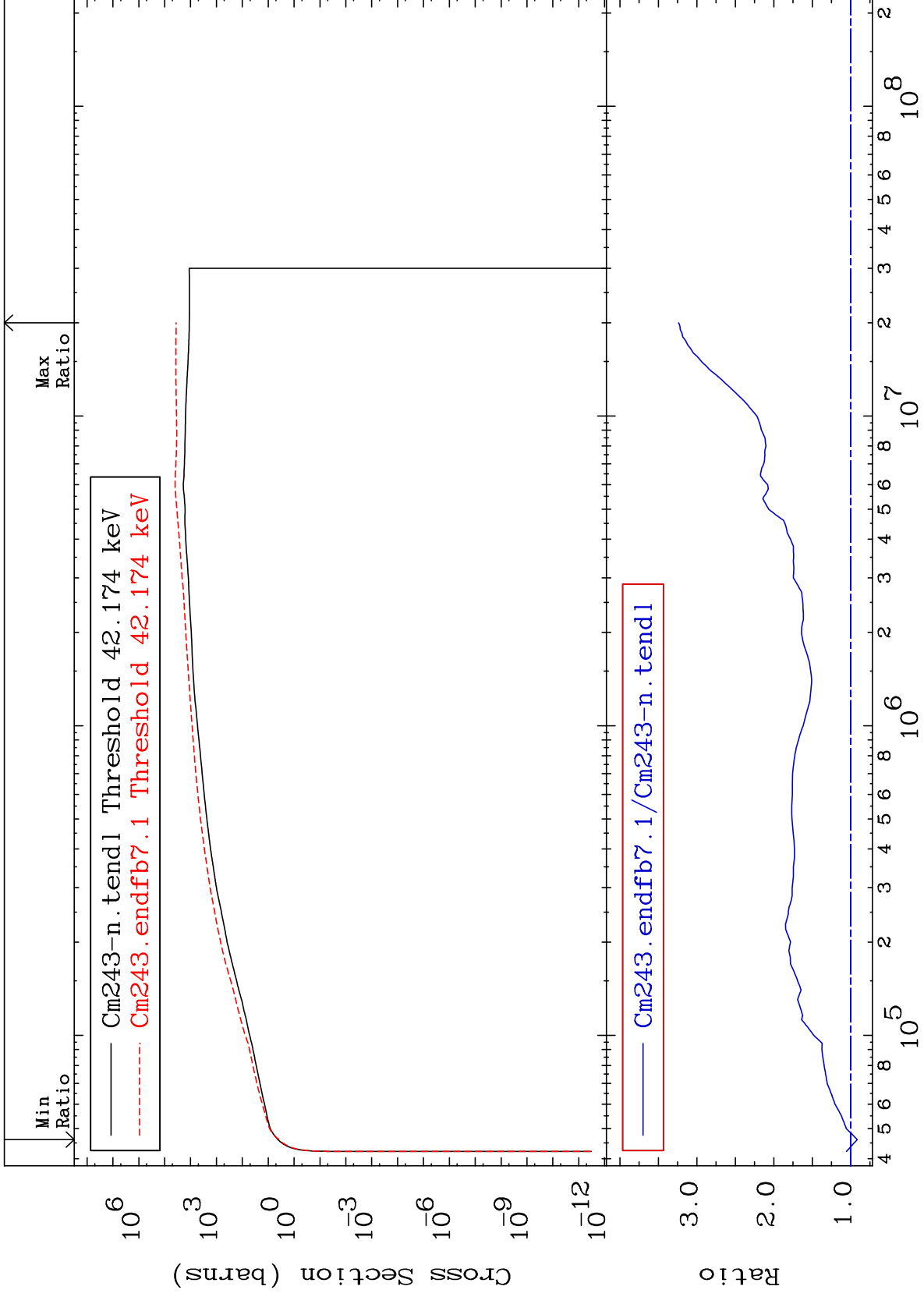
96-Cm-243  
-31.50 To 7.358 %



MAT 9634

Dpa inelastic (mt51-91)  
Cross Section

96-Cm-243  
-8.446 To 223.6 %



MAT 9634

Dpa disappearance (mt102 -120)  
Cross Section

96-Cm-243  
-100.0 To 1421. %

